

1400/10/10

بسمه تعالی

Curriculum Vitae

Mehdi Sohrabi, PhD

Professor of Nuclear Engineering

Department of Energy Engineering and Physics

Amirkabir University of Technology

E-Mail: dr_msohrabi@yahoo.org; m.sohrabi@aut.ac.ir

نیاز به:

فرایند استا ندارد آموزش و



آموزش استا ندارد (4 الف)

در چرخه آموزش کشور

زندگی نامه کوتاه مهدی سهرابی

مهدی سهرابی (زاده 27 فروردین 1323 در شهر تهران) استاد مهندسی هسته ای دانشکده مهندسی انرژی و فیزیک دانشگاه صنعتی امیر کبیر است. وی دارای درجه های لیسانس و فوق لیسانس فیزیک از دانشگاه تهران، فوق لیسانس فیزیک از دانشگاه تنسی (پایان نامه زیرنظریکی از بنیانگذاران دزیمتری حالت جامد جهان) و دکتری مهندسی هسته ای از Georgia Institute of Technology آمریکا (بدریافت 3 پروژه پژوهشی از USERDA) (پایان نامه زیرنظرپدر فیزیک بهداشت جهان) و عضو وابسته فرهنگستان علوم ایران از 1371 تا کنون می باشد. وی متخصص بین المللی مهندسی هسته ای در زمینه فیزیک بهداشت و پزشکی پرتوها و سیاست گذار و نظریه پرداز فلسفه حفاظت در برابر اشعه و دزیمتری پرتوها از جمله بنیانگذار و مخترع روشهای نوین آشکارسازی و دزیمتری نوترون، گازراندن، آلفا و یونهای باردار سنگین هسته ای با سیستم های الکترو شیمی تا رویت با چشم غیر مسلح و بویژه متخصص حفاظت رادیولوژیکی محیط زیست است.

وی یکی از بنیانگذاران علوم و فن آوری فیزیک بهداشت از سال 1346 در دانشگاه تهران از جمله ایجاد و قانونمند سازی نظام حفاظت کارکنان، بیماران، مردم و محیط زیست در برابر اشعه ایران (با ارائه بیش از 30 سال خدمت در سمتهای گوناگون تخصصی از جمله مدیریت کل نظام حفاظت در برابر اشعه کشور به مدت 18 سال و مشاور علمی سازمان انرژی اتمی ایران) و بسیاری از کشورهای منطقه است. از جمله وی اولین مسئول فیزیک بهداشت راکتور هسته ای پژوهشی دانشگاه تهران در زمان بحرانی کردن آن و پیشنهاد دهنده و یکی از بنیانگذاران اولین دوره Ph.D. علم و فن آوری کشور بویژه در دانشگاه صنعتی امیر کبیر است. وی یکی از چهره های شناخته شده علمی جهانی و بنیانگذار همایشهای بین المللی در ایران در جهان بویژه ریاست کنفرانسهای بین المللی پرتوهای با سطح بالا از جمله هشتمین در جمهوری چک (2014)، نهمین در ژاپن (2018)، و دهمین در دانشگاه استراسبورگ فرانسه (2022) را در کارنامه خود دارد.

وی در 50 سال آموزش، پژوهش، توسعه و ارائه خدمات شبانه روزی و ماندگار فیزیک بهداشت حفاظت کارکنان، بیماران، مردم و محیط زیست در برابر اشعه، بعنوان متخصص علمی بین المللی و بویژه مدیر منطقه ای آسیا و اقیانوسیه حدود 150 ماموریت تخصصی به بیش از 40 کشور عضو آژانس بین المللی انرژی اتمی (هرکدام چند بار) جهت آموزش، تاسیس آزمایشگاه، و ایجاد ساختار قانونی حفاظت در برابر اشعه به آن کشورها از طرف آن آژانس را نیز در کارنامه خود دارد. وی همچنین تربیت کننده نسلهای متمادی استادان، پژوهشگران و دانشجویان ارزنده و عالیقدر این رشته در ایران و جهان، استاد راهنمای حدود 100 پایان نامه ارشد و دکتری با حدود 195 مقاله (که بیش از 150 آن ISI میباشد) و ارائه 150 مقاله مدعو یا عادی در همایشهای بین المللی می باشد (به پیوست مراجعه شود). به پاس خدمات دراز مدت ماندگار علمی ملی و بین المللی وی در حوزه فیزیک بهداشت و پزشکی پرتوها، وی پدر علم فیزیک بهداشت ایران و بنیانگذار امور حفاظت در برابر اشعه قانونمند کشور و بسیاری از کشورهای دیگر منطقه نامیده میشود.

وی همچنین دریافت "لوح افتخار جایزه نوبل صلح مشترک آژانس بین المللی انرژی اتمی 2005": "لوح پژوهش برجسته دوره دکتری (PhD) (Sigma Xi Outstanding Research Award) از "انجمن علمی پژوهشی سیگماسای آمریکا": "لوح شهروندی افتخاری از فرماندار ایالت تنسی آمریکا در دوره کارشناسی ارشد: "لوح خدمات برجسته گروهی و مدال" آژانس بین المللی انرژی اتمی: "نشان پژوهش کشور" از ریاست محترم جمهور، "لوح استاد برجسته کشور" (جایزه ملی علامه طباطبایی) از سوی بنیاد ملی نخبگان، "لوح استاد نمونه" دانشگاه صنعتی امیر کبیر، "لوح تقدیر ریاست دانشگاه صنعتی امیر کبیر برای قبول بازگشت وی به کشور، جوایز و افتخارات دیگر را از آمریکا، آژانس بین المللی انرژی اتمی و ایران در کارنامه خود دارد (به پیوست مراجعه شود).

Curriculum Vitae

1. Personal Data

Name: Mehdi SOHRABI
Place of Birth: Tehran, Iran.
Living Abroad; Has lived near 8 years in USA, 20 years in Austria and in shorter terms as IAEA International Expert missions and other scientific missions (e.g. attending conferences) to more than 50 countries in Africa, Asia and Pacific, Europe, Latin America (Mostly several times) on R&D and on establishing radiation protection infrastructure, Post-Graduate and specialized education and training programs, etc.
Address: E-Mail: dr_msohrabi@yahoo.org;
m.sohrabi@aut.ac.ir
Internet sites: Googlescholar, ResearchGate, etc.



2. Higher Education

1975-1976 **Post-Ph.D. Research Scientist and Co-principal Investigator** of USERDA Projects, School of Nuclear Engineering, Ga. Institute of Technology

1971-1975 **Ph.D. in Nuclear Engineering** (specialized in Health and Medical Physics/Radiological Sciences/minor in Radiobiology); School of Nuclear Engineering, Georgia Institute of Technology, Atlanta, Ga., USA; Ph.D. thesis supervised by **the late Prof. Karl Z. Morgan**, father of World Health Physics, in cooperation with Oak Ridge National Laboratory, USA.
Received 3 annual projects from USERDA for 3 years for the Ph.D. project and continued and served as co-principal investigator (57,000.00 USD/year) for which received “PhD Outstanding Research Award” from Sigma Xi Scientific Research Society of America.

1970-1971 **M.Sc. in Physics (Health Physics)**; Dept. of Phys., Univ. of Tennessee (Thesis at ORNL ORNL-TM-3605 Report (1971); minor (mathematics),_USA, supervised by **the late Prof. Klaus Becker** (pioneer in Solid State Dosimetry), Oak Ridge National Laboratory, USA for which received “Honary Citizenship” from Governor of the State of Tennessee.

1967-1969 **M.Sc. in Physics**; Faculty of Sciences, Dept. of Physics, Univ. of Tehran, Tehran Univ. Nuclear Centre, Iran, supervised by **the late Prof. Ali Asghar Azad**, Father of Nuclear Science and Technology in Iran.

1962-1965 **B.Sc. in Physics**; Faculty of Sciences, Dept. of Physics, Univ. of Tehran, Iran.

Theses: Performed three independent theses; two theses for two M.Sc. degrees and one for Ph.D. degree mostly self-guided research.

Languages: **English** (at international professional level), **French** at living level; **German** at living level and **Arabic** (studied 7 terms at IAEA) and **Farsi** as mother tongue.

3. Awards and Honors

3.1. International:

- Shared **2005 Noble Peace Prize (نوبل)** of **International Atomic Energy Agency (IAEA)** as Technical Professional Staff, Vienna, Austria (2005).
- **Distinguished Services Award** (Medallion and Certificate); from Director General of the IAEA on Radiation Protection and Waste Management Safety Infrastructure Development, IAEA, Vienna, Austria December (2004).
- **Award of Honor** received from the late Prof. T. Sugahara (Chairman of Japan Health Research Foundation) and the later Prof. Wei Luxin of China for Outstanding Contribution to Environmental Radiation Protection at 6th Int. Conference on High Levels of Natural Radiation and Radon Areas, Osaka, Japan, Sept 9, 2004 (details in published Procds by Elsevier, 2005).
- Regional Manager of Asia and Pacific Region of IAEA and International IAEA Expert on Radiation Protection as well as Technical Officer, Program Management Officer, Education and Training Consultant; etc., Vienna, Austria (1999-2009);
- The **Monie A. Ferst Memorial Sigma Xi Research Award** (certificate & cash Award) in recognition of outstanding Ph.D. research from Sigma Xi Scientific Research Society of North America, Georgia Institute of Technology (1976).
- **Best Paper Award**, 16th Southeastern Reg. Student Convention of the Am. Nucl. Soc. (1975).
- **Teaching assistant**; Dept. of Physics, University of Tennessee (1970-1972).
- **Teaching/research assistant**; the School of Nuclear Eng., Ga. Tech. (1972-1974).
- **Research Scientist (Fellow)** at the Oak Ridge National Laboratory, US Academy of Sciences (1970-1972) through the International Atomic Energy Agency.
- **Research Collaboration** with Oak Ridge National Laboratory, USA (1970-1976).
- **Over 50 years of scientific expert collaboration** with the International Atomic Energy Agency (1967-2012).

3.2. National:

- **Associate Member, Iran Academy of Sciences** (1992 to Present).
- **Allameh Tabatabai National Distinguished Professor Award** of Iran from President of Iran 2012 the Elite Organization of Iran.
- **National Research Medallion of Iran (نشان پژوهش)** (Medallion & Certificate) from President of IR Iran (1997).
- **Distinguished Director Award**, "Government Week"; Vice-President of Iran (1991).
- **Distinguished Professor Award**, from President of Amirkabir University of Technology, 2012.
- **Recognition Award**; From Dr. Alireza Rahai, President of the Amir Kabir University of Technology (2010) for accepting to return to Iran and work again at Amirkabir University of Technology.
- **Award of Appreciation** from President of Amirkabir University of Technology for organizing and lecturing at the conference "From Particle to Universe", 2012.
- **Letter of Recognition**, President of AEOI for preparation and legislation of Radiation Protection Law of Iran (1989)

- **Certificate of Appreciation;** President of Amirkabir University of Technology, Tehran, for promotion of education and research specially as regard to the Ph.D. program and supervision of PhD Dissertations (1995).
- **Certificate of Appreciation;** President of the Univ. of Tabriz for organizing the 1st Medical Physics Conference in Tabriz, Iran (1991).
- **Certificate of Appreciation;** President of Tehran University of Medical Sciences for organizing a successful conference (1990).
- **Certificate of Appreciation;** President of University of Tehran, organizing national and contribution in a national conference in that university (1988).
- **Several Certificates of Appreciation:** from Vice-presidents of the Amirkabir University of Technology in different years.
- **Certificate of Appreciation** from many students; both Academic and Professional.

4. Expertise/Specialty and some of National/International Activities

- Professor and Expert in nuclear science and technology with especial regards to health physics/Medical Physics in particular radiation dosimetry.
- Health physics and medical physics research and development expert in particular radiation dosimetry of alpha, beta, gamma, and neutron radiations as well as environmental radiological protection (see list of over 5 decades of publications attached).
- Pioneering research on Solid State Dosimetry in Iran and in USA including solid state nuclear track detectors, thermoluminescent dosimetry, electret dosimetry, TSEE, and polymer track detectors as well as other detectors such as ionization chambers.
- Pioneer and international expert on electrochemical etching of heavy charged ions and neutron-induced secondary charged particles in particular in gigaseize detectors.
- Expert on drafting and promulgating laws and regulations on radiation protection infrastructure.
- International Expert of the IAEA on Radiation Protection with over 150 IAEA short and long term expert missions in over 5 decades in particular as Regional Manager of the Asia and Pacific Region on Radiation Protection Infrastructure Projects for near 10 years at the IAEA Headquarters in Vienna, Austria.
- Over five decades of education & training at academic and professional levels in nuclear science and technology in particular health physics, radiation physics, medical physics, etc. in different thematic safety areas of the IAEA radiation protection themes in Iran and in over 40 IAEA Member States.
- Over five decades of R&D, international cooperation and experiences in USA, European countries, Iran and in over 50 countries in particular in IAEA and its Member States where I contributed to advancing education and research as well as establishing or upgrading six Thematic Safety Areas of National Radiation Protection Infrastructure especially in countries (some several times) including: Afghanistan (1), Albania (1), Austria (10), Armenia (1), Belgium (1), Belize (2), Bosnia and Herzegovina (1), Croatia (1), Czech Republic (1), Egypt (2), Iran (10), Japan (1), Jordan (7), Hungary (1), Kazakhstan (4), Kyrgyzstan (1), Kuwait (8), Indonesia (1), Lebanon (3), Libya (1), Lithuania (3), Malaysia (3), Moldova (1), Mongolia (1), Morocco (1), Myanmar (3), Portugal (1), Qatar (4), Saudi Arabia (3), Singapore (1), Sri Lanka (3), Syria (10), South Africa (3), Tajikistan (11), Thailand (2), Turkey (1), United Arab Emirates (12), Uzbekistan (4), Vietnam (3), Yemen (6), etc.

- Presented over 150 invited/keynote or contributed papers in international conferences in countries (some of them many times) such as Austria (many times), Australia, Netherlands, USA (many times), UK, Brazil, Czeck Republic, China (many times), France (many times), Jordan, Japan (many times), India, Italy, Germany (many times), Pakistan, Russia (many times), Spain, Syria, South Korea, United Arab Emirates, etc.
- Established national regulatory framework/infrastructure as stated above by drafting and promulgating laws, regulations, system of notification, authorization, and inspection, enforcement, etc. in Iran and large number of other countries.
- Public Exposure Control; Environmental protection and monitoring; radioactivity measurements, public dose assessment, radioactive waste management, etc.;
- Radiation protection dosimetry and measurements; gamma, neutron, alpha and radon, heavy ions, etc.;
- Occupational exposure control; individual and work place monitoring; gamma, neutron, alpha and radon;
- Establishing national/institutional QC/QA programs in medical practices and other applications.
- Editorship of Journals, conference/meeting management, international relations, etc. at international level.
- Organization, management, and expert assistance to regional coordination meetings, training courses, etc.
- Inventor and expert on panorama ion detection in particular in plasma focus devices and ion fields.

5. Positions Held

- **Associate Member** of the **Iranian Academy of Sciences** (1991-present);
- **Professor of Nuclear Engineering (Health and Medical Physics)** of Department of Energy Engineering and Physics, Amirkabir University of Technology, Atomic Energy Organization of Iran (as Professor and Director General of the National Radiation Protection Department), and invited Professor to some national/international universities (Sharif, Shaheed Beheshti, Tarbiat Modares, Univ of Tehran, etc. and external professor to some universities abroad.
- Professor of health physics and radiation protection at the Atomic Energy Organization of Iran.
- **Director General/Founder** (University Professor) of the National Radiation Protection Department of Iran (1983-1998) as the National Regulatory Body where I established laboratories, regulatory infrastructure, radiation protection research infrastructure, a sustainable education and training program at professional level, M.Sc. and Ph.D. level, national radiation protection services such as for gamma, beta, alpha and neutrons, and radon as well as establishing radon laboratories, SSNTD laboratories, TLD laboratories, environmental measurement laboratories, etc.
- **Regional Manager/Professional Staff/International Expert** of the International Atomic Energy Agency (IAEA); held positions (1998-2010) such as Regional Manager in the Asia and Pacific Region for Upgrading Radiation Protection Infrastructure; Radiation Protection Specialist; Technical Officer, Radiation Protection Education and Training Expert, IAEA International Expert, etc.

- **Founder and Chairman;** International Committee on High Levels of Environmental Radiation Areas (1996 to present).
- Founding Director of the Center for Natural Radiation Research in Iran (1997-1998);
- Served in many national and international scientific and technical committees such as:
 - The Int. Standard Organization (ISO) Dosimetry Working Groups 7& 12 (before).
 - Founder and Chairman/Member (1989-1998) of National Regulatory Commission on radiation protection in Iran.
 - Organizer/Chairman of over 20 IAEA Regional Coordination Meetings and over 100 regional training events,
 - Etc.
- Head, Division of Radiation Dosimetry Research, Development and Services, AEOI, Iran (1976-1999).
- Head, Division of Inspection & Licensing, National RP Department, AEOI, Iran (1976-1999).
- Research Scientist/co-principle investigator (1973-1977) of USERDA Projects (USAEC) at Georgia Institute of Technology, School of Nuclear Engineering.
- IAEA Research Fellow, Health Physics Div., Oak Ridge National Lab. (1970-1972).
- **First Health Physics Officer** (and Faculty Member) in charge of Health Physics of 5 MW Research Reactor, Tehran University Nuclear Center even before its inauguration in 1967 (1966-1970),
- Etc.

6. Education & Training Activities/Interest

1. Professor of Radiation Health and Medical Physics, Department of Energy Engineering and Physics, Amirkabir University of Technology,
2. Established a Hypothesis on Education Standards and Standards Education (ESSE) in National Education Cycle on which organized also a national conference at the Iran Academy of Science:

اولین همایش فرایند استاندارد آموزش و آموزش استاندارد (4الف) در چرخه آموزش کشور، گروه علوم مهندسی، فرهنگستان علوم ایران 5-6 آذرماه 1393

3. Established “Sustainable Education and Training Programs” in Health Physics/Medical Physics in Iran as well as initiated or established in many other countries,
 4. Expert Missions such as for establishing national education and training strategy and center in Tajikistan.
- Initiator and Founding Team Member of the Ph.D. Program in science and technology in particular Health Physics, and M.Sc. and equivalent programs in Iran, as well as initiated in some other countries.
 - As a University Professor lectured on a routine basis graduate level and undergraduate courses at the Amirkabir University of Technology and many other universities using USA standard university textbooks such as: “Health Physics”, “Advanced Topics in Health; “Physics of Radiology”, “Radiation Dosimetry”, “Radiation Detection & Meas.”; “Advanced Radiation Detection”; “Radiation Shielding”, “Environmental Monitoring”, “Radiation & Radioisotope Methods/Applications”, etc.
 - Supervised as thesis advisor about 100 M.Sc./Ph.D. theses in Health Physics and Medical Physics; Over 10 are now under supervision.
 - Established IAEA training policy of up to 2020 when in Vienna in year 2000.
 - IAEA training activities such as:

- Technical Officer for long term IAEA Post Graduate (M.Sc/Dipoloma) Educational Courses in Radiation Protection and Safety of Radiation Sources (4 months to one year) held in South Africa (English), Malaysia (English), and Syria (Arabic); etc. for developing Manpower in IAEA Member States;
 - Organized and lectured in near 100 specialized regional and national training courses in Iran and at IAEA for Member States using standardized training packages on regulatory infrastructure, occupational exposure; medical exposure, and public exposure as well as emergency preparedness and response,
- Established professional courses (short and long-term) in Iran, and organized and lectured in over 60 of such courses and trained over 3000 radiation workers/RPOs in Iran as the DG of the National Radiation Protection Department.
 - Training specialist at the IAEA and External Advisor to some universities; national & International.
 - Lecturer/laboratory assistant as graduate teaching assistant at the Univ. of Tennessee, Knoxville, USA
 - Research scientist, co-principal research investigator, lecturer/laboratory assistant as graduate teaching assistant at the Georgia Institute of Technology, USA.

7. Patents:

1. **M. Sohrabi** (Atlanta, Georgia), Simplified Fast Neutron Dosimeter, United States Patent No. 4157473 (1979).
2. **M. Sohrabi and A. Komeijani**, Modified Single Point-to-Plane Corona Poling Rotating System for Production of Electret Dosimeters, Iran Patent No. 139450140003012895 (1395/07/17) (2016)., Tehran, Iran.
3. **M. Sohrabi; Iran Patent**, Novel single-cell giga electrochemical etching chamber systems. Patent number 1397/03/012 – 95906 (2018), Iran.
4. Many other patentable inventions/discoveries to obtain international patent (See list of papers including discoveries and inventions) with no time to apply for national and international patents.

8. Research and Development Activities:

The research and development interest in radiation physics, health physics and medical physics and radiation protection at operational level and in identifying novel materials and methods for development of novel sensors/dosimeters such as:

- Established many laboratories nationally and internationally for R&D and services for radiation protection dosimetry and measurements, individual monitoring, environmental monitoring, etc.; e.g. Development and mass production of dosimeters for x and gamma, beta, alpha, and neutrons and establishment of Laboratories for radon measurements indoors in Syria, and in the United Arab Emirates using the dosimeters and processing techniques developed by me, establishing occupational dosimetry laboratories in many countries, etc., etc. in particular the “Health Physics and Dosimetry Research Laboratory at the Amirkabir University of Technology.
- Pioneered R & D on amplification of low-LET charged particle tracks in polymers; first observation by unaided eyes of low-LET particles (neutron-recoils and alpha tracks) in polymers for developing new dosimetry methods;
- R & D on environmental radon detectors and measurements by designing ECE/CE alpha detectors and passive radon diffusion chambers; mass production as extensively used to

measure radon indoors and outdoors in thousands of houses and working environment in Iran as well as transfer of technology through IAEA to some other countries, as IAEA Expert.

- Environmental public dose assessment from internal and external exposures; indoors and outdoors from gamma radiation of cosmic rays and natural radioactive material in the environment (ground and building materials) at high level natural background radiation areas (HLNBRA); In this context, the author organized an IAEA Int. Conference in Iran (1990), and later in China (1996), in Germany (2000), and in Japan (2004) and chaired the Int. Committee on HLNRA for which an Award of Honor was received in 2004 in Osaka, Pioneering research and development work on neutron dosimetry using solid state nuclear track detectors (SSNTDs) which lead to discoveries and inventions of some sensitive sensors/dosimeters and methods for individual monitoring, environmental monitoring and for provision of services, etc. in particular on individual neutron monitoring such as:
 - Neutron dosimetry by fission fragment tracks under neutron irradiation in silver activated phosphate glass” and fabrication of accident dosimetry stations around the 5 MW Res. Reactor (unpubl. M.Sc. thesis, 1969); it was the first SSNTD neutron dosimetry study, the first electrodeposition of uranium on metal, the first dosimeter production and its use as accidental dosimetry station of the Tehran University Nuclear Center Research Reactor, in Iran.
 - R & D on a novel neutron dosimetry method using Np-237/10 μm polycarbonate and spark counting ORNL-TM-3605 Report (1971); (adopted at ORNL, Harwell, Chalk River Labs, Stanford Linear Accelerator, and possibly other places.
 - Discovery and invention of electrochemically etched (ECE) fast-neutron-induced recoil track dosimeters in polymers such as polycarbonate and first observation of low-LET recoil tracks by the unaided eyes; as further studied by the author and applied worldwide.
Note: I received USERDA project funding for 3 years (1973-1976) based on the first preliminary results obtained by spending 50 USD (from personal pocket) and it was continued after left the Georgia Tech. and a patent was initiated.
 - Invention of super-sensitive Albedo Neutron Individual Dosimeter (called NeutrIran) using ^{10}B converters, which detects neutrons with wide energy ranges from thermal to high energies; mass-produced in use for national service.
- Neutron monitoring (in and around) high-energy medical accelerators by novel methods.
- National QA program in medical practices (diagnostic radiology, radiotherapy, and nuclear medicine) through supervision of near 10 M.Sc theses. A
- Development of models and phantoms for neutron dose calibration.
- Studies to enhance sensitivity of polymeric dosimeters by ECE.
- Discovery of some phenomena in polymeric detectors.
- Efficient detection of alphas in polymeric detectors over a broad energy range.
- Novel dyed ECE track detectors (DYECET).
- Established Thermoluminescent dosimetry (TLD) and studied trapping parameters in TL materials, produced some TL materials such as (a) $\text{CaSO}_4:\text{Dy}$ and $\text{CaSO}_4:\text{Ti}$ from natural crystals of Iran; (b) $\text{LiF}; \text{Mg}, \text{Ti}$; (c) $\text{LiF}; \text{Mg}, \text{Cu}, \text{P}$; (4) CaF_2 from natural crystals, & mass-produced film dosimetry badges, etc. and published the first TLD papers from Iran.
- Non-ionizing radiation detectors; design and construction of several non-ionizing electric probes for electromagnetic fields (ELF) with M.Sc. students (Ref. 78, some unpublished data).

- QC kit developed for mass production. This coincided with my invitation by IAEA and further assignments for establishing QA many Member States of the IAEA,
- Breakthroughs in 4π Ion Emission Understanding in Plasma Focus Devices published in Nature- Scientific Reports in December 2016.
- Modified Single Point-to-Plane Corona Poling Rotating System for Production of Electret Dosimeters,
- Novel Panorama Polycarbonate Ion Image Detectors by Single-cell Giga-size Electrochemical Etching Chamber System. Review of Scientific Instruments (Iran patent no.1397/03/012 – 95906 (2018).
- Novel radon individual and environmental monitors,
- Invented novel “ionology art for art ionology methods” in 4π plasma focus device space which bridges art, science and technology a paper on which is under review in the J. of Cultural Heritage, under review (2019).
- Hypothesized and developed the Sohrabi Universal Radiation Protection System (URPS) which has been in progress since 2014 on which a number papers have been published.
- Hypothesized and developed the Education Standards and Standards Education (ESSE) Process in National Education System on which the 1st conference was organized proceedings of which has been published.
- Etc.

9. Editorship in Scientific Journals/Proceedings of International Conferences such as:

- Conference Editor and Member of Editorial Board of **ISI Journal of Nuclear Tracks**, Elsevier, 1986 to 1994.
- **Member of Editorial Board** of “International Journal of Radiation Measurements (ISI), Elsevier for 16 years up to 2010.
- Member of Editorial Board of the Journal of Nuclear Energy Science and Power Generation Technology (since its establishment) USA.
- Member of Editorial Board of the International Journal of Epidemiology and Public Health Reviews (since its establishment), USA.
- Member of Editorial Board, **Journal of Engineering Education**, Iran. Academy of Sciences (last 6 years), Iran.
- Founding Member of the Editorial Board of **Iranian Journal of Physics Research**, Iranian Physics Society of Iran (up to 2000) Iran.
- Founding Member and Editor-in-Chief of **AEOI Scientific Bulletin** (1985-1996) Iran. Reviewer of several international journals such as Radiation Measurements, Nuclear Tracks and Radiation Measurements, Nuclear Instruments and Methods in Physics Research, Radiation Physics and Chemistry, Journal of Nuclear Energy Science and Power Generation, Radiation Effects and Defects in Solids, Applied Radiation and Isotopes, Iranian Journal of Science and Technology, European Applied Physics, Education Journal of Iran Academy of Sciences, Other Journals
- **M. Sohrabi**, J. U. Ahmed, S. A. Durrani (Editors), Procds. of Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 November (1990), IAEA Proceeding Series, published by IAEA (1993).

- W. Burkart, **M. Sohrabi**, and A. Bayer, Editors; Procds. of International Conference on High Levels of Natural Rad. and Radon Areas; Radiation Dose and Health effects; 4-7 Sept. 2000, Munich, Germany; published by Elsevier (2002).
- T. Sugahara, H. Morishima, **M.Sohrabi**, et al. (Editors); Int. Cong. Series 1276, 6th Int. Conf. on High Levels of Natural Rad. and Radon Areas; Radiation Dose and Health Effects. 06-10 Sept. 2004; Elsevier Publications (2005).
- T. Cechak, A. Fronka, **M. Sohrabi**, L. Thinova, **Editors**, Special Issue on 8th International Conference on High Levels of Natural Radiation and Radon Areas. 1 – 5 Sept., 2014, Prague, Czech Republic, **Special Issue, Radiation Protection Dosimetry**. May (2015).
- **M. Sohrabi**, I. Kashikawura, J. Tokonami, J. McLaughlin, J. Chen, Special Issue on 9th International Conference on High Level Environmental Radiation Areas; For Understanding Chronic Low.Dose.Rate Radiation Exposure; Health Effects and Social Impacts. Hirosaki, Aomori, Japan, 24-27 September 2018; **Special Issue, Radiation Protection Dosimetry**; October (2019).
- Chairman and international organizer of 10th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; to be held in University of Strasbourg, Strasbourg, France, 24-28 June (2022);

10. Membership in National & International Societies and organization of national/International Conferences such as:

- Plenary Member of the Health Physics Society for over 50 years (1970 to present), USA; received 50 years membership certificate of appreciation.
- Member of the International Radiation Protection Association since 1970.
- Founding Member and holding positions as Vice-President (1998-2000), Member of Int. Committee, Regional Officer of the International Nuclear Track Society (1984-1998), etc.
- Founder and Chairman, International Committee on High Levels of Natural Radiation and Radon Areas (ICHLNRRRA) (since 1996).
- Organized and served as General Secretary of the Int. Conf. on High Levels of Natural Radiation, Ramsar, Iran, 3-7 Nov. (1990), sponsored by IAEA; and established chain of conferences; 4th in 1996 (China), 5th in 2000 (Munich, Germany) and 6th in 2004 (Japan).
- Chairman of the Closing Session, IAEA International Conference on Radiation Protection Infrastructure, Munich, Germany, 7-11 May (1990).
- Honory Member of the Indian Solid State Nuclear Track Society, India
- Founding Member of the Iranian Radiation Protection Association in (1968).
- Member of the International Radiation Physics Society, since 1985.
- Founding Member of Iranian Medical Physics Society.
- Former Member of the Sigma Xi Res. Soc. of America.
- Member of the Iranian Physics Society.
- Member of International Scientific Committee; International Conference of Medical Physics, 14-16 April 2008, Dubai, United Arab Emirates.
- Chairman and international organizer of 10th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; to be held in University of Strasbourg, Strasbourg, France, 6-9 July (2022);
- Organized as Chairman of the 9th International Committee on High Levels of Natural Radiation the 7th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Hirosaki University, Hirosaki, Japan 24-27 November (2018);

- Organized and Chaired the 8th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Prague, Czech Republic, 1-5 September (2014);
- Organized and Member of the International Committee on High Levels of Natural Radiation the 7th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Mumbai, India 24-26 November (2010);
- Organized and member of the International Committee on High Levels of Natural Radiation the 6th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Osaka, Japan (2004);
- Organized and Chaired the International Committee on High Levels of Natural Radiation the 5th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Munich, Germany (2000);
- Organized and Member of the International Committee on High Levels of Natural Radiation the 4th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Beijing, China (1996);
- Organized and General Secretary of the 3rd Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Ramsar, Iran (1990).
- Member of International Scientific Committee of many International Conferences on Nuclear Tracks in Solids.
- Etc.

11. Art Interest

- Over 50 years since 1968 microscopic photography of nuclear tracks in solid state nuclear track detectors and the electrochemical etching chamber (published in many journals); Art Gallery of Track Pictures.
- Designed the Official Insignia (Emblem) of the International Nuclear Track Society and the International Committee on High Levels of Natural Radiation and Radon Areas.
- Designed the Official Insignia (Emblem) of the International Committee on High Level Environmental Radiation Areas sustainably used since 1990 in over 7 International Conferences.
- Designed the Insignia (Emblem) of the Sohrabi Universal Radiation Protection System (URPS) hypothesis in Farsi and in English,
- Designed the Official Insignia (Emblem) of the own-developed Hypothesis; Universal Radiation Protection System (URPS)
- Developed a Gallery of microscopic photography of nuclear tracks in solid state nuclear track detectors.
- Developed novel “ionology art for art ionology methods” in 4 π plasma focus device space which bridges art, science and technology a paper published in on which is under review in; bridging art, science and technology, J. of Cultural Heritage, 43, 219–226 (2020).
- Highly interested in art, music, literature, poetry, etc.
- Etc.

12. Publications

Over 50 years of continuous R & D with near 200 publications over 150 of which are ISI journal articles (see below) on novel methods, hypothesis and discoveries in health physics and medical physics as well as advance megaseize ion detection in ion fields. Also presented over 150 invited and contributed papers at international conferences; over 100 IAEA coordination meeting and training event presentations; Over 150 IAEA mission/meeting technical reports, and Conference Editor of Proceedings of International Conferences, etc.

I. ISI Articles: List of Articles Published in International Scientific Journals (International Scientific and Technical Reports on R & D are not included); Half century of research with near 200 articles from which over 150 articles are in ISI International Journals (listed from 2022 to 1972).

1. Sohrabi, M., Ebrahimzadeh Torkamani M., Breakthrough whole body energy-specific and tissue-specific photoneutron dosimetry by novel miniature neutron dosimeter/spectrometer, **Nature Scientific Report**, 11:20552 (2021).
2. Sohrabi, M., and A. Hakimi, Photoneutron spectrometry by novel multi-directional neutron spherical spectrometry system. **Nature Scientific Report** 11, 3251 (2021).
3. Sohrabi, M., Zarinshad, A. and Habibi, M. Breakthrough in 4π ion emission mechanism understanding in plasma focus devices. **Nature Scientific reports**, 6, 3884 (2016).
4. Sohrabi, M., Discovery of 3rd Possible Ion Generating Source in 4π Plasma Focus Device Space, Health Physics, accepted to be published (2022).
5. Sohrabi, M., Ebrahimzadeh Torkamani M., H.A. Nedaie, Whole-body photoneutron 360° angular distribution dosimetry by novel “Sohrabi neutron dosimetry methods”. *Physica Medica*. Accepted to be published (2022).
6. Sohrabi, M., and Soltani Z. A New Application of Sohrabi Albedo Neutron Dosimeters around a Plasma Focus Device. *Health Physics* 120(1):9-18 (2021).
7. Sohrabi M. and Ebrahiminezhad, F. “A Novel Multipurpose Polycarbonate/Activated-Carbon-Fabric Individual/Environmental Radon Monitor, *Radiation Measurements* 134, 106332 (2020).
8. Sohrabi, M., Amrollahi R., and Soltani Z., Novel Panorama image detection of “anode cathodes assembly” run-away hydrogen ions in 4π plasma focus device at different gas pressures. *Radiation Physics and Chemistry* 177, 109170 (2020).
9. Sohrabi, M., Solving Global Inequality in Education by Developing “International Basic Education Standards”. *J Epidemiol Public Health Rev* 5(4), (2020).
10. Vahman N., Amrollahi R., Sohrabi M.. Assessment of management measures on station blackout accident in Unit-1 Bushehr nuclear power plant. *Annals of Nuclear Energy* 151, 107915 (2021).
11. Vahman N., Amrollahi R., Sohrabi, M., Ghasemi M. Evaluation of management measures on a hypothetical accident in Unit-1 of Bushehr nuclear power plant, *Progress in Nuclear Energy* 135 (May), 103709 (2021).
12. Sohrabi, M., M. Ghahremani, Novel Panorama Megasize Environmental Radon Monitor, *Radiation Physics and Chemistry* 181, 109325 (2021).
13. Sohrabi, M., Eyes Should be Washed for Global Change in Radiation Protection of 21st Century. *Health Physics* 120 (4), 455-458 (2021).
14. Sohrabi, M., On X-Ray Hesitancy: Patients' Radiophobic Concerns Over Medical X-rays. *Dose-Response*. Dose Response. January-March Issue, 1-4 (2021).
15. Sohrabi, M., On Different Methods of Measuring Neutron Dose/Fluence Generated During Radiation Therapy with Megavoltage Beams, *Health Physics* 119(3):368-370 (2020).
16. Sohrabi, M., Z. Soltani and M. Habibi. Hydrogen Ion Emission Studies in 4π Plasma Focus Device Space, *Radiation Physics and Chemistry* 172, 108836, (2020).
17. Sohrabi, M., and Rabiee S.. A new single-cell multi-size detector electrochemical etching system. *Article Radiation Physics and Chemistry*. 172, 108744 (2020).

18. Sohrabi, M., and Hakimi A., Novel “Photoneutron Volume Dose Equivalent” Hypothesis and Methodology for Second Primary Cancer Risk Estimation in High-Energy X-Ray Medical Accelerators, *Radiation Protection Dosimetry* 188 (4), 432–443 (2020).
19. Sohrabi, M. and Zarinshad, A. Novel “ionology art for art ionology methods” in 4π plasma focus device space; bridging art, science and technology, *J. of Cultural Heritage*, 43, 219–226 (2020).
20. Sohrabi, M. and Ebrahiminezhad, F. “A novel multi-purpose polycarbonate/activated-carbon-fabric individual/environmental radon monitor, *Radiation Measurements*, *Radiation Measurements* 134:106332 (2020).
21. Sohrabi, M., Soltani Z. and Habibi, M. Hydrogen Ion Emission Studies in 4π Plasma Focus Device Space, *Radiation Physics and Chemistry*, V 172; 108836, July (2020);
22. Sohrabi, M. and Soltani Z. A new application of Sohrabi albedo neutron dosimeters around a plasma focus device. *Health Physics* 120(1):9-18 (2021).
23. Sohrabi, M., Amrollahi, R. and Soltani Z. Novel mega-size cylindrical ion image detection of run-away hydrogen ions from “anode assembly” in a plasma focus device at different gas pressures, *Radiation Physics and Chemistry* V. 177; 109170 (2020).
24. Sohrabi, M. and A. Hakimi, Novel “photoneutron volume dose equivalent” hypothesis and methodology for second primary cancer risk estimation in high-energy X-ray medical accelerators, *Radiation Protection Dosimetry* 3rd January (2020). Doi:10.1093/rpd/ncz303
25. Sohrabi M., Universal Radiation Protection System (URPS); A Natural Global Standardised Trend For Human Exposure Control in 21st Century. *Radiation Protection Dosimetry*, V 184 (3-4) 277–284 (2019).
26. Sohrabi M., Editorial; Ninth International Conference on High Levels of Environmental Radiation Areas; for Understanding Chronic Low-Dose-Rate Radiation Exposure Health Effects and Social Impacts, *Radiation Protection Dosimetry*. May (2019) DOI: 10.1093/rpd/ncz097.
27. M. Sohrabi and A. Hakimi, Novel air-to-tissue conversion factors for fast, epithermal and thermal photoneutrons in a Siemens ONCOR dual energy 18 MV X-ray medical linear accelerator, *Radiation Measurements* 126:106138 June (2019).
28. Soltani Z., Sohrabi, M., and Habibi M., Effects of ECE duration on alpha particle tracks in polycarbonate nuclear track detectors over broad ranges of fluence and energy, *Journal of Instrumentation*, 14(P06011):12 June (2019).
29. Sohrabi M., and F. Ebrahimi Nezhad, Effects of Activated-Carbon-Fabric Parameters on Response of a New Polycarbonate-Based Individual and Environmental Radon Monitor *Radiation Protection Dosimetry*, April (2019) DOI: 10.1093/rpd/ncz098.
30. Soltani Z., M. Sohrabi, and M. Habibi, Analysis of 3D deuterium ion emission angular distribution in plasma focus device using novel panorama polycarbonate detectors, *Radiation Physics and Chemistry* 165:108404 (2019).
31. Sohrabi, M. Parsi, M. and Tabrizi, S.H. Statistical analysis for obtaining optimum number of CT scanners in patient dose surveys for determining national diagnostic reference levels. *European Radiology* 29 (1); 168-175 (2019).
32. Sohrabi, M. and Soltani, Z. Uniform position-sensitivity verification of novel electrochemically-etched panorama mega-size polymer ion image detectors. *Journal Measurements* 135, 806-813 (2019).

33. Sohrabi, M., Bridge across the arts and sciences. *Physics World*. 31(9), p.21. (2018).
34. Sohrabi, M., Bridging the LNT and hormesis radiation protection models. *Nuclear News*, June Issue (2018).
35. Sohrabi, M., Parsi, M. and Sina, S., A New Dual-purpose Quality Control Dosimetry Protocol for Diagnostic Reference-level Determination in Computed Tomography. *Health physics*. 115(2), 252-258 (2018).
36. Sohrabi, M., Breakthroughs in 4π Panorama Ionology in Plasma Focus Devices for Mechanisms Understanding with Special Regards to Hydrogen Ions (protons), Under review, *Radiation Measurements* 119, 192-198 (2018).
37. Sohrabi, M. and Rabiee, S., Thickness dependence verification of electrochemically-etched polymer track detectors. *Measurement*, 124, 40-46 (2018).
38. Sohrabi, M. and Komijani, A., 2018. Surface potential stability of large-area Teflon PTFE electret dosimeters of different thicknesses. *Journal of Instrumentation*, 13(06), p.P06013.
39. Sohrabi, M. and Komijani, A. Modified single point-to-plane corona poling rotating system for production of electret dosimeters. *IEEE Transactions on Dielectrics and Electrical Insulation*, 25(2), 448-456 (2018).
40. Sohrabi, M., Soltani, Z. and Sarlak, Z. Effects of anode geometry on forward wide-angle neon ion emissions in 3.5 kJ plasma focus device by novel mega-size panorama polycarbonate image detectors. *Journal of Instrumentation*, 13(03), P03011 (2018).
41. Parsi, M., Sohrabi, M., Mianji, F. and Paydar, R., Determination of Examination-Specific Diagnostic Reference Level in Computed Tomography by A New Quality Control-Based Dose Survey Method. *Health physics*, 114(3), 273-281 (2018).
42. Sohrabi, M. and Hakimi, A., Fast, epithermal and thermal photoneutron dosimetry in air and in tissue equivalent phantom for a high-energy X-ray medical accelerator. *Zeitschrift für Medizinische Physik*, 28(1), 49-62 (2018).
43. Sohrabi, M., F. Saheli and Kh. Mohammadi, Synthesis of silver-activated zinc sulfide (ZnS:Ag) powder by thermal diffusion method for production of thin film alpha scintillators, *Journal of Nuclear Energy Science and Power Generation Technology* July (2018). DOI: [10.4172/2325-9809.1000182](https://doi.org/10.4172/2325-9809.1000182)
44. Sohrabi, M., Parsi, M. and Mianji, F., (2017). Determination of national diagnostic reference levels in computed tomography examinations of Iran by a new quality control-based dose survey method. *Radiation protection dosimetry*, 179(3), pp.206-215.
45. Sohrabi, M., Novel single-cell mega-size chambers for electrochemical etching of panorama position-sensitive polycarbonate ion image detectors. *Review of Scientific Instruments*, 88(11), 113305 (2017).
46. Sohrabi, M., Zarinshad, A. and Sarlak, Z. Alpha particle energy and fluence dependence of polycarbonate detectors. *Radiation Measurements*, 104, 8-12 (2017).
47. Parsi, M., Sohrabi, M., Mianji, F. and Paydar, R. Gantry angulation effects on CT dose along the z-axis direction in head examinations. *Radiation protection dosimetry*, 177(4), 458-465 (2017).
48. Sohrabi, M., Dose Fractionation Concept in Radiation Protection to Standardize Risk/Dose Limits and Epidemiology Studies. *J Epidemiol Public Health Rev*, 2(4) (2017).
49. Sohrabi, M., Conservation of “Cause-Effect” by Using Integrated Individual Radiation Doses towards Standardization of Epidemiology Health-Risk Estimates of Nuclear/Radiation Workers. *J Nucl Ene Sci Power Generat Technol* 6 (2), 2 (2017).

50. Sohrabi, M. and Hakimi, A., Novel 6 MV X-ray photoneutron detection and dosimetry of medical accelerators. *Physica Medica*, 36, 103-109 (2017).
51. Hakimi, A. and Sohrabi, M. Photoneutron depth dose equivalent distributions in high-energy X-ray medical accelerators by a novel position-sensitive dosimeter. *Physica Medica*, 36, 73-80 (2017).
52. Hakimi, A., Sohrabi, M. and Rabie Mahdavi, S. Effects of field size and depth on photoneutron dose equivalent distributions in an 18 MV X-ray medical accelerator. *Radiation protection dosimetry*, 176(4), 354-364 (2017).
53. Parsi, M., Sohrabi, M., Mianji, F. and Paydar, R. A “quality-control-based correction method” for displayed dose indices on CT scanner consoles in patient dose surveys. *Physica Medica*, 38, 88-92 (2017).
54. Sohrabi, M., Habibi, M. and Ramezani, V. Measurement of ion beam angular distribution at different helium gas pressures in a plasma focus device by large-area polycarbonate detectors. *Plasma Physics Reports*, 43(2), 196-201 (2017).
55. Sohrabi, M. and Soltani, Z. Alpha particle energy response of CR-39 detectors by 50 Hz–HV electrochemical etching method. *Results in physics*, 7, 69-76 (2017).
56. Sohrabi, M., Hakimi, A. and Soltani, Z. Background track density reduction of 50-Hz–HV ECE-processed thick polycarbonate detectors to improve lower detection limit. *Radiation protection dosimetry*, 171(4), 470-476 (2016).
57. Sohrabi, M., Soltani, Z. and Hakimi, A., Combined effects of frequency and layer removal on background track characteristics of ECE polycarbonate detectors. *Radiation Physics and Chemistry*, 119, 223-227 (2016) .
58. Sohrabi, M. and Soltani, Z., Efficient alpha particle detection by CR-39 applying 50 Hz–HV electrochemical etching method. *Radiation Measurements*, 92, 80-85 (2016).
59. Sohrabi, M., A standardized individual dose system for epidemiology of public and workers by “Universal Radiation Protection System Hypothesis”. *J Epidemiol Public Health Review*, 1(3) (2016).
60. Sohrabi, M., Hakimi, A. and Mahdavi, S.R., A novel position-sensitive mega-size dosimeter for photoneutrons in high-energy X-ray medical accelerators. *Physica Medica*, 32(6), 778-786 (2016).
61. Sohrabi ,M., F. Khodadadi, A new two-phase media method for ²²⁶Ra activity measurement in water. *Radiation Protection Dosimetry* 164(4) 537-541 (2015).
62. Sohrabi, M., Khodadadi, F. and Hakimi, A., Broadening alpha registration energy range of 250 µm polycarbonate detectors by a single 50 Hz–HV ECE method. *Radiation Measurements*, 75, 39-44 (2015).
63. Sohrabi, M., Roositalab, J. and Mohammadi, J., Public effective doses from environmental natural gamma exposures indoors and outdoors in Iran. *Radiation protection dosimetry*, 167(4), 633-641(2015).
64. Sohrabi, M., On dose reconstruction for the million worker study: status and guidelines. *Health physics*, 109(4), 327-329 (2015) .
65. M. Sohrabi, Editorial, Eighth International Conference on High Levels of Natural Radiation and Radon Areas. *Radiation Protection Dosimetry* V. 164, No. 4, 457–458 May (2015), doi:10.1093/rpd/ncv335.
66. Sohrabi, M., A universal radiation protection system based on individual standardised integrated doses. *Radiation protection dosimetry*, 164(4), 459-466 (2015).

67. F. Saheli, M. Sohrabi, Kh. Mohammadi, Production of silver-activated zinc sulfide (ZnS:Ag) scintillation detector for counting alpha particles. *Iranian Journal of Radiation Safety and Measurement*, 3(1), 7-12 (2015).
68. Sohrabi, M., Habibi, M. and Ramezani, V., 2014. Helium ion distributions in a 4 kJ plasma focus device by 1 mm-thick large-size polycarbonate detectors. *Physics Letters A*, 378(48), 3631-3637.
69. M. Sohrabi and V. Ramezani. Alpha particle energy response of 1-mm-thick polycarbonate track detectors by 50 Hz–HV electrochemical etching method, *Radiation Protection Dosimetry*, doi:10.1093/rpd/ncu303. pp. 1-8 (2014).
70. M. Sohrabi, V. Ramezani, and M. Habibi. A new method for detection of alpha particles in 1 mm thick polycarbonate detectors using 50 Hz – HV ECE method, *Radiation Measurements*. 67, 59-66 (2014).
71. F. Salehi, M. Sohrabi and Mohammadi, Production of Silver Activated Zinc Sulfide (ZnS;Ag) scintillation Detector for Counting Alpha Particles, *Iranian Journal of Radiation Safety and Measurements* 3 (1), 7-12 (2014).
72. M. Sohrabi, Special Issue on “Global Radiation Safety Concern and Management of Radioactive Waste” Editorial, *J Nucl Energy Science and Power Generation Technology S1*. doi:10.4172/2325-9809.S1-007, 27 December (2013).
73. M. Sohrabi, World high background natural radiation areas: Need to protect public from radiation exposure, *Radiation Measurements*. Response to H. Abdollahi; 59, 290-292 (2013).
74. Sohrabi, M., World high background natural radiation areas: Need to protect public from radiation exposure. *Radiation Measurements* 50, 166-171 (2013).
75. Sohrabi, M., Habibi, M., Yousefi, H.R. and Roshani, G.H., Angular distribution analysis of nitrogen ions in a low energy dense plasma focus device. *Contributions to Plasma Physics*, 53(8), 592-598 (2013).
76. Rezaie, M.R., Sohrabi, M., Negarestani, A., Mohammadi, S. and Afzali, D., Energy of radon and progeny alphas in dependence of distance traveled in some media. *Radiation Measurements*, 50, 145-148(2013) .
77. Sohrabi, M., Habibi, M., Roshani, G.H. and Ramezani, V., A novel method for observation by unaided eyes of nitrogen ion tracks and angular distribution in a plasma focus device using 50 Hz–HV electrochemically-etched polycarbonate detectors. *Radiation Measurements*, 47(7), 530-536 (2012).
78. Sohrabi, M., Parsouzi, Z., Amrollahi, R., Khamooshi, C. and Ghasemi, M., 2013. Public exposure from environmental release of radioactive material under normal operation of unit-1 Bushehr nuclear power plant. *Annals of Nuclear Energy* 55, 351-358.
79. Sohrabi, M., Ghasemi, M., Amrollahi, R., Khamooshi, C. and Parsouzi, Z., Assessment of environmental public exposure from a hypothetical nuclear accident for Unit-1 Bushehr nuclear power plant. *Radiation and environmental biophysics*, 52(2), 235-244 (2013).
80. Rezaie, M.R., Negarestani, A., Sohrabi, M., Mohammadi, S. and Afzali, D., Parameterization of ^{241}Am and ^{230}Th alpha particle energy in dependence on distance traveled in air. *Journal of Radioanalytical and Nuclear Chemistry*, 293(1), pp.39-44.
81. Rezaie, M.R., Sohrabi, M. and Negarestani, A., 2013. Studying the response of CR-39 to radon in non-polar liquids above water by Monte Carlo simulation and measurement. *Radiation Measurements* 50, 103-108 (2012).

82. Roshani, G.H., Habibi, M. and Sohrabi, M., An improved design of Faraday cup detector to reduce the escape of secondary electrons in plasma focus device by COMSOL. *Vacuum*, 86(3), 250-253 (2011).
83. M. Taheri, M. Sohrabi, B. Jaleh, T. Hosseini and M. M. Montazer Rahmati, Low level determination of ^{226}Ra in water using a micro-precipitate track method for large-scale environmental monitoring. *J. Radiol. Prot.* 29, 535–543, 2009.
84. J. Hendry, S.L. Simon, A. Wojcik, M. Sohrabi, W. Burkart, E. Cardis, D. Laurier, M. Tirmarche, I. Hayata, Human exposure to high natural background radiation: what can it teach us about radiation risks? *J. of Radiological Protection*, 29, A29-A42 (2009).
85. Banoushi, M. R. Kardan, Mehdi Sohrabi, A. Mostofizadeh and X. Sun, Verification of Mason and Smythe equations for electrical treeing breakdown at the tip of charged particle tracks in ECE polycarbonate detectors, *Radiation Measurements* 43 (1), 43-46 (2008).
86. M. Sohrabi, Concluding Remarks; In: T. Sugahara, H. Morishima, M.Sohrabi, et al.; Editors. *Int. Cong. Series 1276, 6th Int. Conf. on High Levels of Natural Rad. and Radon Areas; Radiation Dose and Health Effects. 6-10 Sept. 2004*; Elsevier Publ. 405-453 (2005).
87. M. Sohrabi, M. Babapouran, New Public Dose Assessment from Internal and External Exposures in Low and Elevated Level Natural Radiation Areas of Ramsar, Iran. In:T. Sugahara, H. Morishima, M.Sohrabi et al. Editors. *Int. Cong. Series 1276, 6th Int. Conf. on High Levels of Natural Rad. and Radon Areas; Radiation Dose and Health Effects. 06-10 Sept. 2004*; Elsevier Publ., 169-174 (2005).
88. M. Sohrabi, AR. Esmaeli, New public dose assessment of elevated level natural radiation areas of Ramsar (Iran) for eidemiological studies. In: Burkart W., Sohrabi M., and Bayer A; Editors. *Proc. 5th Int. Conf. on High Levels of Natural Radiation and Radon Areas; Radiation Dose and Health Effects. 04-07 Sept. 2000*; Elsevier Publ. 15-24 (2002).
89. M. Sohrabi, Environments with Elevated Natural Radiation, *Proceedings of an Int. Conf. on Restoration Environment with Radioactive Residues, Arlington, Virginia, USA, 29 November-3 December (1999)*, IAEA Publication STI/PUB/1092, IAEA-SM-SM-359/1.7, 113-134, Dec (2000).
90. M. Sohrabi and A. Mostofizadeh, Measurement of Neutron Doses in and around High-Energy Beam of Saturne 20 Medical Linear Accelerator by ECE Polycarbonate Detectors, *Radiation Measurements* 31(1-6):479-82 (1999).
91. M. Jafarizadeh, M. Sohrabi and F. Nazeri, Analysis of the Glow-Curve Kinetics of $\text{CaF}_2:\text{Tm}$ (TLD-300) Based on General Order Model, *Radiation Protection Dosimetry*, 84, Nos. 1-4, 119-122 (1999).
92. M. Sohrabi, F. Abbasiasar and M. Jafarizadeh, Dosimetric Characteristics of Natural Calcium Fluoride ($\text{CaF}_2.\text{nat}$) of Iran, *Radiation Protection Dosimetry* 84 (1-4) 277-280 (1999).
93. M. Sohrabi and Gh. Zainali, A Versatile Electrochemical Etching Chamber (VECEC) System for Multi-Size and/or Multi-Shape Detector Processing, *Radiation Measurements* 31(1-6); 153-156 (1999).
94. M. Sohrabi and M. M. Beitollahi, S. Hafezi and M. Assefi, Public Exposure from ^{226}Ra in Drinking Water Supplies of Iran, *Health Physics* 77 (2), pp. 150-154 (1999).
95. Oresangun M., LeHeron J., Macicia C., Padovani R., Vano E., Karapet S., Prlic I., Zachariasova I., Milu C., Yousefi M., Miah F., Wei K., Nasukha, Sohrabi M., Ng K., Hag M., Lobriguito A., Ptaramontree J., Luong D.T., *Radiation Protection and Quality Assurance in Diagnostic Radiology-an IAEA Coordinated Research Project in Asia and Eastern Europe*, *Applied Radiation and Isotopes* 50, 271-276 (1999).

96. N. Dadvand and M. Sohrabi, Alpha Particle Spectrometry with Lexan using combined layer Removal by Ethylene Diamine Solution and Electrochemical Etching, *Applied Radiation and Isotopes* 50, 355-360 (1999).
97. M. Sohrabi and M. M. Beitollahi, S. Hafezi and M. Assefi, Public Exposure from ^{226}Ra in Drinking Water Supplies of Iran, *Procs. of the Asian Conference on Water and Wastewater Management*, March 2-4, (English & Farsi) (1998).
98. N. Dadvand and M. Sohrabi, A Method for Rapid Registration of Alpha Particles, *Applied Radiation and Isotopes*, accepted for publication (1998).
99. Dadvand N. and Sohrabi M., A Method for Reducing Background Tracks in Plastic Detectors, *Applied Radiation and Isotopes* 49, 1609-1611 (1998).
100. Dadvand N. and Sohrabi M., Registration of Alpha Particle Tracks of a Wide Energy Range in Polycarbonate, *Radiation Protection Dosimetry* 76, 195-197 (1998).
101. M. Sohrabi, M. Jafarizadeh and M. Zahedifar, Analysis of Kinetics and Trapping Parameters of LiF:Mg,Ti Thermoluminescent Dosimeters By general Order Model. *Nucl. Instrum. Meths. Phys. Res. A*, 416, 446-451 (1998).
102. M. Sohrabi, M. Jafarizadeh and F. Abbassisiar, Sensitive CaSO₄:Dy and CaSO₄:Tm Thermoluminescent Detectors Produced from Natural Crystals of Iran, *Radiation Protection Dosimetry* 78, 313-316 (1998).
103. M. Sohrabi, N. Alirezazadeh and H. Tajik Ahmadi, A Survey of Concentrations of ^{222}Rn in Domestic Water Supplies in Iran, *Health Physics* 75(4): 417-421, (1998).
104. M. Sohrabi, N. Dadvand and M. R. Kardan, Introduction of PMW and PEMW Etchants for Rapid and Broad-Energy Range Alpha Track Registration in ECE Polycarbonate Detectors, *Radiation Physics and Chemistry* 51, 469-470 (1998).
105. M. Sohrabi, M. Jafarizadeh and M. Zahedifar, Kinetic Parameters of Li:Mg,Ti Thermoluminescent Dosimeters, *Rad. Physics & Chemistry* 51, 401-402 (1998).
106. M. Sohrabi, Invited Paper, The State-of-the-Art on Worldwide Studies in Some Environments with Elevated Naturally Occurring Radioactive Materials (NORM). *J. Applied Radiation and Isotopes*, 49 (3), 169-188 (1998).
107. M. Sohrabi, Conf. Report, Int. Conf. on High Levels of Natural Radiation, Held at Beijing, China, 21-15 Oct.1996, *Radiation Measurements* 29, 121-124 (1998).
108. N. Dadvand and M. Sohrabi, Effects of Presoaking on Lexan Polycarbonate Foils, *J. Applied Radiation and Isotopes* 48, 1127-1131 (1997).
109. M. Sohrabi, Low Dose and/or High Dose in Radiation Protection; A Need to Setting Criteria for Classification, In: *Procs. of the IAEA Int. Conf. on Low doses of ionizing Radiation: Biological Effects and Regulatory Control*, pp. - Seville, Spain, 17-21 November (1997), IAEA-TECDOC-976 (1997).
110. R. Ilic, S. A. Durrani and M. Sohrabi, Glossary of Terms, Chapter of a Book on Radon Entitled "Radon Measurements by Etched Track Detectors; Applications in Radiation Protection, Earth Sciences and the Environment", R. Ilic and S. A. Durrani (Eds.), World Scient. Publisher, 369-380 (1997).
111. M. Sohrabi, High Radon Levels in Nature and in Dwellings: Remedial Actions, Chapter of A Book on Radon Entitled "Radon Measurements by Etched Track Detectors; Applications in Radiation Protection, Earth Sciences and the Environment, R. Ilic and S. A. Durrani (Eds.), World Scientific Publisher, Singapore, 225-242 (1997).
112. M. Khoshnoodi and M. Sohrabi, "A New Expression for Determination of Fluences of Neutrons from a Spherical Moderator Neutron Source for the Calibration of Spherical Neutron Devices, *Radiation Protection Dosimetry* 70, 357-360 (1997).

113. M. Sohrabi, M. Bolourchi, M. Beitollahi and J. Amidi, Natural Radioactivity of Soil Samples in Some High Level Natural Radiation Areas of Iran", In: Procs. 4th Int. Conf. on High Levels of Natural Radiation, Beijing, China, Oct. 21-25, 1996, (Editors) L. Wei, Sugahara T. and Tao Zufan, Elsevier Publ. Comp. Tokyo, 129-132 (1997).
114. M. Sohrabi, M. Beitollahi, Y. Lasemi and E. Amin Sobhani, "Origin of a New HIGH Level Natural Radiation Area in Hot Spring Region of Mahalat, Central Iran", In: Procs. 4th Int. Conf. on High Levels of Natural Radiation, Beijing, China, Oct. 21-25 (1996), (Eds.) L. Wei, Sugahara T. and Tao Zufan, Elsevier Publ. Company, Tokyo, pp. 69-74 (1997).
115. M. Sohrabi, Invited Paper, World High Level Natural Radiation and/or Radon-Prone Areas with Special Regard to Dwellings, In: Pocs. 4th Int. Conf. on High Levels of Natural Radiation, Beijing, China, October 21-25 (1996), (Editors) L. Wei, Sugahara T. and Tao Zufan, Elsevier Publ. Company, Tokyo, pp. 57-68 (1997).
116. M. Sohrabi, "Editorial", Radiation Measurements 26 (5), iii-iv (1996).
117. G. Socie, M. Sohrabi, E.D. Carosella, J. M. Cosset, F. Hervatin, P. De Cremoux, B. Dutrillaux, K. M. Sheibani, C. Rabian, P. Gourmelon, C. Parmentier and E. Gluckman, Hemapoiesis Research in Aplastic Anaemia Induced by Accidental Protracted Radiation, C. R. Academy of Sciences, Paris, Life Sciences, Medical Sciences 319, 711-716 (1996).
118. M. Sohrabi, S. Borhan Azad and B. Aghahadi, Implementation of Some Dose Reduction Methods in Diagnostic Radiology, In: Procs. 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Association, IRPA9, V. 3, 419-422, Vienna, Austria, April 14-19 (1996).
119. M. Sohrabi, Health Physics Education and Training in Iran, In: Procs. 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Association, IRPA9, V. 4, pp. 814-817, Vienna, Austria, April 14-19 (1996).
120. M. Sohrabi, A. Bahrami and D. Farvadin, Design and Construction of a Broadband Electric Probe, In: Procs. 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Association, IRPA9, V.3, 626-629, Vienna, Austria, April 14-19 (1996).
121. M. Sohrabi, A. Alirezazadeh and A. Aliabadi, Design and Performance Characteristics of a Thyroid Counter for Radioiodine Monitoring, In: Procs. 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Association, IRPA9, V.2, pp. 495-498, Vienna, Austria, April 14-19 (1996).
122. M. Sohrabi and Sh. Mahdi, A Novel Track Density Measurement Method by Thermal Neutron Activation of DYECETs. Radiation Measurements 24, PP. 265-276 (1995).
123. M. Sohrabi and H. Zainali, A New Multi Detector ECE Processing Chamber System for Large Scale Alpha, Radon and Neutron Dosimetry Applications, Radiation Measurements 25, 463-464 (1995).
124. M. Sohrabi and Sh. Mahdi, Introduction of a Novel Track Counting Method by Thermal Neutron Induced Activity Measurements of DYECETS, Radiation Measurements 25, 765-766 (1995).
125. M. Sohrabi, H. Mirzaee and T. Hosseini, Determination of ²²⁶Ra in Food and Water Samples by Polycarbonate Alpha Detectors, Radiation Measurements 25, 623-624 (1995).
126. M. Sohrabi, The State of the art in Electrochemical Etching of Charged Particle Track Detectors, Radiation Measurements 25, 129-129 (1995).
127. M. Sohrabi, Proceedings of the International Conference on High Levels of Natural Radiation, held at Ramsar, Islamic Republic of Iran, 3 7 Nov 1990, Radiation Measurements 23, 261 262 (1994).
128. M. Sohrabi, Conference Report: International Conference on Nuclear Tracks in Solids, held in Beijing 7-11 September 1992; Radiation Measurements 23, 255-260 (1994).

129. M. Sohrabi and Sh. Mahdi, New Dyed ECE Track (DYECET) Methods for Radiation Protection Dosimetry and Track Structure Studies, AEOI Scientific Bulletin, 11 & 12, (1993).
130. M. Sohrabi, INVITED PAPER, Advances on Radiation Protection Dosimetry Research, Development and Services at AEOI, In: Procs. of IRPA Regional Congress: Asia Congress on Radiation Protection, pp. 48-53 Beijing, China, 18-22 Oct (1993).
131. M. Sohrabi, J. U. Ahmed, S. A. Durrani (Editors), Procs. of Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 Nov (1990), IAEA Procs Series, 603-616 (1993).
132. M. Zahedifar and M. Sohrabi, "Trapping Parameters of CaF₂:Dy (TLD 200) Used for Environmental Dosimetry", In: Procs. of Int. Conf. on High Levels of Natural Radiation, Editors: M. Sohrabi et al., Ramsar, IR Iran, 3-7 November (1990), IAEA Proceeding Series, pp. 603-616 (1993).
133. M. Sohrabi, L. Fozoonmayeh and M. Khoshnoodi, Advances on the New DYED ECE Track (DYECET) Method in Polymeric Dosimeters, In: Procs. Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 November (1990), Editors: M. Sohrabi et al., IAEA Proceeding Series pp. 593-601 (1993).
134. M. Sohrabi and M. Sadeghi, High Energy Alpha Detection and Spectrometry of Radon Daughters in Polycarbonate Detectors, In: Procs. Int. Conf. on High Levels of Natural Radiation, Editors: M. Sohrabi et al., Ramsar, IR Iran, 3-7 Nov. (1990), IAEA Procd. Series pp. 577-584 (1993).
135. T.Z. Fazeli, R.Gh. Asai, M. Sohrabi, A. Haydari, R. Varzegar, F. Zakeri and H. Sheikholeslami, "Cytogenetic Studies of Inhabitants of Some High Natural Radiation Areas of Ramsar", Iran, In: Procs. of Int. Conf. on High Levels of Natural Radiation, Ramsar, Iran, 3-7 November (1990), Editors: M. Sohrabi et al., IAEA Procs Series pp. 459-464 (1993).
136. M. Sohrabi, H. Mirzaee, M. Beitollahi and S. Hafezi, "A National Program for Determination of Radium 226 in Drinking Water in Iran, In: Procs. Int. Conf. on High Levels of Natural Radiation", Ramsar, IR Iran, 3-7 Nov. (1990), Editors: M. Sohrabi et al., IAEA Procs Series, pp. 425-432 (1993).
137. M. Sohrabi, H. Zainali, Sh. Mahdi, A.R. Solaymanian and M. Salehi, "Determination of ²²²Rn Levels in Houses, Schools and Hotels of Ramsar by the AEOI Passive Radon Diffusion Dosimeters", In: Procs. Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 Nov. (1990), Editors: M. Sohrabi et al., IAEA Proceeding Series, pp. 365-375 (1993).
138. M. Sohrabi, Invited Paper, Development of an Operational Personal Dosimetry Program in Developing Countries, In: Procs. of the IAEA Research Coordination Meeting for the "Coordinated Research Program on Intercomparison for Individual Monitoring, IAEA, Vienna, 3-7 Feb. (1992), Intercomparison of Radiation Dosimeters for Individual Monitoring, Final Report of a CRP Program, 1988-1992, IAEA TECDOC 704, 149-161 (1993).
139. M. Sohrabi, Invited Paper, High Level Natural Radiation Areas with Special Regard to Ramsar, In: Procs. 2nd Int. Workshop on Radon Monitoring for Radioprotection, Environmental and/or Earth Sciences, 25 Nov. - 6 Dec. (1991), Furlan and L. Tommasino (Eds.), International Center for Theoretical Physics, Trieste, Italy, pp. 98-108, World Scientific, London (1993).
140. M. Sohrabi, A New Triplet Electrochemical Etching (TECE) Method, Radiation Protection Dosimetry 48 (3), 279 (1993).

141. M. Sohrabi and M. Katouzi, A New Parameter in the Electrochemical Etching of Polymer Track Detectors, *Nuclear Instruments and Methods in Physics Research B* 82, 442-446 (1993).
142. M. Sohrabi and Sh. Mahdi, New Dyed ECE Track (DYECET) Methods for Radiation Protection Dosimetry and Track Structure Studies, *AEOI Scientific Bulletin*, Nos. 11/12, 10-25 (1993).
143. M. Sohrabi and Sh. Mahdi, A "Quick DYECET" Method of ECE Particle Tracks in Polymer Detectors, *Nuclear Tracks & Radiation Measurements* 22, 165-169 (1993).
144. M. Sohrabi and M. Sadeghi, Discovery of Some Phenomena in Polycarbonate Detectors by a Novel Triplet ECE Technique, *Nuclear Tracks and Radiation Measurements* 22, 171-181 (1993).
145. M. Sohrabi and M. Katouzi, Discovery of a New ECE Parameter Affecting the Response of Polymer Track Detectors, *Nuclear Tracks and Rad. Measurements* 22, 161-164 (1993).
146. M. Sohrabi, Conference Report: Second International Workshop on Solid State Nuclear Track Detectors and Applications, held at Dubna, Russia, 24-26 March 1992, *Nuclear Tracks and Radiation Measurements* 20 (4), 629-632 (1992).
147. M. Sohrabi and M. Katouzi, The Role of Phantom Parameters on the Response of the Neutron Albedo Neutron Personnel Dosimeter", *Rad. Protection Dosimetry* 44 (1/4), 81-85 (1992).
148. M. Khoshnoodi and M. Sohrabi, "The Application of A New Geometry Correction Function for Calibration of Spherical Neutron Devices Using Large Isotopic Neutron Sources, *Radiation Protection Dosimetry* 44 (1/4), 121-124 (1992).
149. M. Sohrabi, "A Symbol for the International Nuclear Track Society", *Nuclear Tracks & Radiation Measurements* 20 (4), 623-628 (1992).
150. M. Sohrabi, "Conference Report: Int. Conf. on High Levels of Natural Radiation held at Ramsar, IR Iran, 3-7 Nov., 1990; *Nuclear Tracks & Radiation Measurements* 18 (3), 357-361 (1991).
151. M. Sohrabi and M. Katouzi "Design Characteristics of a Three Component AEOI Neutron Albedo Neutron Personnel Dosimeter, *Nuclear Tracks and Radiation Measurements* 19 (1-4), 537-540 (1991).
152. M. Sohrabi, L. Fozoonmayeh and M. Khoshnoodi, "Advances on the New Development of DYED ECE Tracks (DYECET) in Polymers for Radiation Dosimetry", *Nuclear Tracks and Radiation Measurements* 19 (1-4), 215-216 (1991).
153. M. Sohrabi and M. Sadeghi, "Efficient Detection and Spectrometry of Alphas from Radon Daughters in Polycarbonate", *Nuclear Tracks and Radiation Measurements* 19 (1-4), 421-422 (1991).
154. M. Sohrabi, "Advances on Research, Development and Applications of SSNTDs in Radiation Protection at AEOI", *Nuclear Tracks and Radiation Measurement* 19 (1-4), 855-860 (1991).
155. M. Sohrabi, Book of Abstracts (Editor), Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 Nov. (1990).
156. M. Sohrabi (Chairman), K. Becker, S. Kobayashi, B. Lorentz, I. Othman, E. Palacios and P. Strohal, "The Role of IAEA in Strengthening Radiation Protection Infrastructure", Conclusion of the Closing Panel, In; *Procs. IAEA Int. Symposium on Radiation Protection Infrastructure*, pp. 489-496, IAEA, Munich, 7-11 May (1990).
157. M. Sohrabi, "Radiation Protection Infrastructure in Iran", in *Procs. of IAEA Int. Symposium on Rad. Protection Infrastructure*, IAEA, Munich, IAEA SM 309/53, pp. 245-255, 7-11 May (1990).

158. M. Sohrabi and S. Sadeghi Bojd, "A New Dyed ECE Track Identification Method for Nuclear Particle Detection", *Nuclear Tracks and Radiation Measurements* 17 (4), 547-522 (1990).
159. M. Sohrabi and S. Sadeghi Bojd, "UV and IR Spectrophotometry of Electrochemically etched and Dyed Tracks for Neutron Dosimetry", *Radiation Protection Dosimetry* 34 (1/4), 47-50 (1990).
160. M. Sohrabi and S. Sadeghi Bojd, "A New Development of Dyed ECE Tracks for Radiation Dosimetry", *Radiation Protection Dosimetry* 34 (1/4), 5-8 (1990).
161. M. Sohrabi and M. Katouzi, "Some Characteristics of the AEOL Neutron Albedo Neutron Personnel Dosimeter", *Radiation Protection Dosimetry* 34, No. 1/4, pp. 149-152 (1990).
162. M. Sohrabi and A. R. Solaymanian, "Some Characteristics of AEOL Passive Radon Diffusion Dosimeter for Indoor Radon Exposure Determination for Public Exposure in Iran", *AEOL Scientific Bulletin* 9 (1-18) (1989).
163. M. Sohrabi, Conference Report, "The Fourteenth Int. Conference on Solid State Nuclear Track Detectors: Lahore, Pakistan, 2-6 April, 1988", *Nuclear Tracks and Radiation Measurements* 16 (1), 71-75 (1989).
164. M. Sohrabi, "The State of Radiation Protection in Iran", In *Proc. 7th Int. Congress Radiation Protection, Int. Rad. Prot. Association, V. II*, pp. 951-955, Sydney, Australia, 10-17 April (1988).
165. M. Sohrabi and A.R. Solaymanian, "Indoor Radon Level Measurements Using the AEOL Passive Radon Diffusion Dosimeter, In *Procs. 7th Int. Congress on Radiation Protection, Int. Rad. Prot. Association, V.I*, pp. 242-246, Sydney, Australia, 10-17 April (1988).
166. M. Sohrabi, Conference Report, "The Sixth Symposium on Neutron Dosimetry: Neuherberg, FRG, 12-16 October 1987", *Nuclear Tracks and Radiation Measurements* 14, 415-419 (1988).
167. M. Sohrabi and A.R. Solaymanian, "Indoor Radon Level Measurements in Some Regions of Iran", *Nuclear Tracks and Radiation Measurements* 15 (1-4), 613-616 (1988).
168. M. Sohrabi and A. R. Solaymanian, "Some Characteristics of AEOL Passive Radon Diffusion Dosimeter", *Nuclear Tracks and Radiation Measurements* 15 (1-4), 605-608 (1988).
169. M. Sohrabi, "On the Discovery of Some Phenomena in the Electrochemical Etching of Polymeric Dosimeters", *Nuclear Instruments and Methods in Physics Research A* 255, 225-230 (1987).
170. M. Sohrabi and M. Khoshnoodi, "The Effect of Pre etching Time on the Characteristic Responses of Electrochemically Etched CR 39 Neutron Dosimeters", *Nuclear Tracks and Radiation Measurements* 12 (1-6), 175-178 (1986).
171. M. Sohrabi and Sh. Mahdi, "Background Heat Treatment Studies in LR 115", *Nuclear Tracks and Radiation Measurements* 12 (1-6), 149-152 (1986).
172. M. Sohrabi and Gh. Zainali, "Broadening Registration Energy Range of Alpha Tracks in CR-39 under New ECE Conditions", *Nuclear Tracks and Radiation Measurements* 12 (1-6), 71-74 (1986).
173. M. Sohrabi, "Discovery of an "Internal Heating Effect" During Electrochemical Etching of Polymeric Dosimeters: A Study of Polymer Characteristics", *Nuclear Tracks and Radiation Measurements* 12 (1-6), 179-183 (1986).
174. M. Sohrabi, Conference Report, "The Thirteenth International Conference on Solid State Nuclear Track Detectors: Nuclear Tracks and Radiation Measurements 11 (4), 175-182 (1986).

175. M. Sohrabi, "A New Multi Chamber Electrochemical Etching System Approach for Rapid Characteristic Response Studies in Polymeric Dosimeters", *Radiation Protection Dosimetry* 12 (1), 55-59 (1986).
176. M. Sohrabi, "Discovery of an "Internal Heating Effect" During Electrochemical Etching of Polymeric Dosimeters", *Nuclear Instruments and Methods in Physics Research A* 238, 517-523 (1985).
177. M. Sohrabi, Applications of Solid State Nuclear Track Detectors in Radiation Protection", "Sixth Int. Congress of the Int. Radiation Protection Association (IRPA). *Nuclear Tracks and Radiation Measurements* 9 (2), 161-163 (1984).
178. M. Sohrabi and K.M. Shirazi, "Optimization of Etchants for Electrochemical Etching of Tracks in Polycarbonate Neutron Personnel Dosimeters", *Nuclear Tracks* 8 (1-4), 117-120 (1984).
179. M. Sohrabi and E. Khajeian, Effects of Alpha Energy and Track Density on the Electrochemical Etching Response of Alpha and Recoil Tracks in Polycarbonate, *Nuclear Tracks and Radiation Measurements* 8 (1-4), 113-116 (1984).
180. M. Sohrabi, "Advances in Solid State Nuclear Track Personnel Neutron Dosimeters", *Nucleus* 20 (3-4), 65-73 (1983).
181. M. Sohrabi and E. Khajeian, "Some Electrochemical Etching Studies on the Registration of Alpha Particle Tracks in Polycarbonate", *Nuclear Instruments and Methods* 185, 407-413 (1981).
182. M. Sohrabi, The Review of Recent Developments in Personnel Neutron Dosimeters, *Health Physics* 41, 686-689 (1981).
183. M. Sohrabi, "Electrochemical Etching of Fast Neutron Induced Recoil Tracks: the Effects of Field Strength and Frequency, *Nuclear Tracks and Radiation Measurements* 4, 131-140 (1980).
184. P.H. McGinley and M. Sohrabi, "Neutron Contamination in the Primary Beam", *National Bureau of Standards (NBS) Special Publ. No. 554*, 99-107 (1979).
185. M. Sohrabi, "A New Dual Response Albedo Neutron Personnel Dosimeter", *Nuclear Instruments and Methods* 165, 135-138 (1979).
186. M. Sohrabi and K.Z. Morgan, "Neutron Dosimetry in High Energy X Ray Beams of Medical Accelerators", *Physics in Med. and Biology* 24 (4), 756-766 (1979).
187. M. Sohrabi, "Some Data on Neutron Dosimetry Research and Development at the Atomic Energy Organization of Iran", In: *Procs. 7th DOE Workshop on Neutron Personnel Dos.*, London, England, PNL-2807/UC-48, pp. 82 88, Oct 23-24 (1978).
188. M. Sohrabi and K.Z. Morgan, "A New Polycarbonate Fast Neutron Personnel Dosimeter", *American Industrial Hygiene Journal* 39, 438-447 (1978).
189. M. Sohrabi, "Some Experiences on the Electrochemical Etching of Charged Particle Tracks in Polymers", In *Procs. of the 6th ERDA Workshop on Neutron Personnel Dosimetry*, Oak Ridge National Lab., PNL 2449/ Pacific Northwest Labs., Richmond, Washington. 129-133, July (1977).
190. M. Sohrabi and K. Z. Morgan, "The Effect of Polycarbonate Foil Thickness on the Electrochemical Etching Amplification of recoil Particle Tracks", In *Proc. of 9th Topical Symposium*, Health Physics Society, pp.853-860, Denver, Colorado, 9 12 Feb. (1976).
191. P. H. McGinley and M. Sohrabi, "Dose Levels Due to Neutrons in the Vicinity of High Energy Medical Accelerators", In: *Procs. 9th Midyear Topical Symp.*, Health Physics Society, pp. 468 474, Denver, Colorado, 9-12 Feb. (1976).

192. M. Sohrabi, "Book Review: Nuclear Tracks in Solids", by Robert L. Fleischer, P. Buford Price, and Robert M. Walker, University of California Press, Berkeley, Los Angeles and London, (1975), Health Physics 31, 85-87 (1976).
193. M. Sohrabi and K.Z. Morgan, "Recent Developments in Fast Neutron Personnel Dosimetry Using Track Etch Methods", paper I4, published in Procs. 3d European Congress of Internat. Rad. Protection Association, Amsterdam, 13-16 May (1975).
194. M. Sohrabi, "Electrochemical Etching Amplification of Recoil Particle Tracks in Polymers and Its Application in Fast Neutron Personnel Dosimetry", Health Physics 27, 598-600 (1974).
195. M. Sohrabi and K. Becker, "Fast Neutron Personnel Monitoring by Fission Fragment Registration from Neptunium 237", Nuclear Instruments and Methods 104, 409-411 (1972).

II. LIST of Kenote/Invited and contributed Papers at International Conferences

Note; This list does not include presentations at IAEA Coordination Meetings, Regional Training Events, invited lectures in some events in different countries, etc.

From present to 1972:

1. M. Sohrabi, **Invited Talk**, Sohrabi Universal Radiation Protection System (URPS) Hypothesis: Modern Standardized Trends in Individual Exposure Monitoring and Control, 10th IC-HLERAs, University of Strasbourg, Salzburg, France 6-9 July (2022).
2. M. Sohrabi, Exotic Applications of Novel Polycarbonate/ACF Radon Monitors. 10th IC-HLERAs, Oral Presentation, University of Strasbourg, France 6-9 July (2022).
3. M. Sohrabi, Standardized Occupational Exposure Control based on Sohrabi Universal Radiation Protection System (URPS) Hypothesis, Oral Presentation, IRPA 15, Seoul, South Korea, 18-22 January (2021).
4. M. Sohrabi, State-of-the-art Sohrabi Neutron Dosimetry Methods for Exotic Mixed Radiation Fields. Oral Presentation, IRPA 15, Seoul, South Korea 18-22 January (2021).
5. M. Sohrabi, **Invited Speaker**, Breakthroughs in 4π Angular Emission of Light Ions in Plasma Focus Device by Position-sensitive Mega-size Cylindrical Ion Image Detectors using Novel Single-cell Panorama Ion Processing Chambers, Physics98, Tabriz, Iran (2019).
6. M. Sohrabi, **Keynote Speaker 1**, Universal Radiation Protection System (URPS); A Natural Global Standardized Trend for Human Exposure Control in 21st Century. 9th Int. Conference on High Level Environmental Radiation Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
7. M. Sohrabi, and F. Ebrahimezhad, Effects of Activated-Carbon-Fabric Parameters on Response of A New Prototype Polycarbonate-based Individual and Environmental Radon Monitor, 9th Int. Conference on High Levels Environmental Rad. Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
8. M. Sohrabi, **Invited Talk**, Breakthroughs in 4π Panorama Ionology in Plasma Focus Devices for Mechanisms Understanding and Advanced Applications, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).

9. M. Sohrabi, **Invited Talk**, A Standardized Individual Dose System for Epidemiology and Dose Limitation of Public and Workers by " Universal Radiation Protection System Hypothesis " **PART I** : " Current Radiation Protection System. European Summer School on Radiochemistry and Nuclear Instrumentation (low level radioactivity), University of Strasbourg; 22-25 August 2017.
10. M. Sohrabi, **Invited Talk**, A Standardized Individual Dose System for Epidemiology and Dose Limitation of Public and Workers by " Universal Radiation Protection System Hypothesis " **PART II**; a "Universal Radiation Protection System (URPS) Hypothesis" European Summer School on Radiochemistry and Nuclear Instrumentation (low level radioactivity), University of Strasbourg; 22-25 22-25 August 2017.
11. M. Sohrabi, Z. Soltani, A. Zarrinshad, Effects of Detector Size and Field Strength Uniformity on ECE Alpha Track Parameters in Mega-size Polycarbonate Image detection Systems, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
12. Z. Soltani, M. Sohrabi, A. Zarrinshad, A Packing Factor Method to Characterize Overlapped Particle Tracks at High Particle Fluences, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
13. M. Sohrabi, The State-of-the-art on Polycarbonate/¹⁰Boron Neutron Dosimetry, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
14. A. Komijani, M. Sohrabi, High Quality Teflon Corona Electret Dosimeter Production for Radon Monitoring, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
15. M. Sohrabi, **Invited Talk**, A Novel Universal Radiation Protection System, 11th Iran Medical Physics Conference, Tehran, Iran. 15-16 Aban Mah, 1393 (2014).
16. M. Sohrabi, Education Standards and Standards Education (ESSE) Process in a National Education Cycle with Special Regards to Environment Proposing a Universal Radiation Protection System, Iran-Japan Symposium on Advanced Imaging Technology for Applications in Cultural Heritage, Precision Agriculture and Environmental Monitoring, September 27, 2014.
17. F. Salehi, and M. Sohrabi, Synthesis Powder and Preparation of Thin Layer Zinc-Sulfide Doped with silver (ZnS;Ag) for detection of Alpha Particles, 21st Iranian Nuclear Conference 25-26, University of Isphahan.
18. M. Sohrabi, Keynote Speaker, Breakthroughs in 4π Angular Emission of Light Ions in Plasma Focus Device by Position-sensitive Mega-size Cylindrical Ion Image Detectors using Novel Single-cell Panorama Ion Processing Chambers, Physics98, Tabriz, Iran (2019).
19. M. Sohrabi, Keynote Speaker 1, Universal Radiation Protection System (URPS); A Natural Global Standardized Trend for Human Exposure Control in 21st Century. 9th Int. Conference on High Levels Environmental Rad. Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
20. M. Sohrabi, and F. Ebrahimezhad, Effects of Activated-Carbon-Fabric Parameters on Response of A New Prototype Polycarbonate-based Individual and Environmental Radon Monitor, 9th Int. Conference on High Levels Environmental Rad. Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
21. M. Sohrabi, Invited Talk, Breakthroughs in 4π Panorama Ionology in Plasma Focus Devices for Mechanisms Understanding and Advanced Applications, 27th Int. Conf. on

- Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
22. M. Sohrabi, A Standardized Individual Dose System for Epidemiology and Dose Limitation of Public and Workers by " Universal Radiation Protection System Hypothesis " **PART I:** " Current Radiation Protection System. European Summer School on Radiochemistry and Nuclear Instrumentation (low level radioactivity), University of Strasbourg; 22-25 22-25 August 2017.
 23. M. Sohrabi, A Standardized Individual Dose System for Epidemiology and Dose Limitation of Public and Workers by " Universal Radiation Protection System Hypothesis " **PART II;** a "Universal Radiation Protection System (URPS) Hypothesis" European Summer School on Radiochemistry and Nuclear Instrumentation (low level radioactivity), University of Strasbourg; 22-25 22-25 August 2017.
 24. M. Sohrabi, Z. Soltani, A. Zarrinshad, Effects of Detector Size and Field Strength Uniformity on ECE Alpha Track Parameters in Megasize Polycarbonate Image Detection Systems, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
 25. Z. Soltani, M. Sohrabi, A. Zarrinshad, A Packing Factor Method to Characterize Overlapped Particle Tracks at High Particle Fluences, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
 26. M. Sohrabi, The State-of-the-art on Polycarbonate/¹⁰Boron Neutron Dosimetry, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
 27. A. Komijani, M. Sohrabi, High Quality Teflon Corona Electret Dosimeter Production for Radon Monitoring, 27th Int. Conf. on Nuclear Tracks and Radiation Measurements, Strasbourg University, Strasbourg, France, 28th Aug - 1st Sept (2017).
 28. M. Sohrabi, Invited Talk, A Novel Universal Radiation Protection System, 11th Iran Medical Physics Conference, Tehran, Iran. 15-16 Aban Mah, 1393 (2014).
 29. M. Sohrabi, Education Standards and Standards Education (ESSE) Process in a National Education Cycle with Special Regards to Environmental Proposing a Universal Radiation Protection System, Iran-Japan Symposium on Advanced Imaging Technology for Applications in Cultural Heritage, Precision Agriculture and Environmental Monitoring, September 27, 2014.
 30. M. Sohrabi and F. Khodadadi, Broadening alpha particle registration energy range of 250 μ m polycarbonate detectors by a single 50 Hz - HV ECE method. 26th Int. Conference on Nuclear Tracks in Solids, Kobe, Japan, 15-19 September (2014).
 31. M. Sohrabi, Invited Talk, The-State-of-the-art Development of Electrochemical Etching of Charged Particle Tracks in Polycarbonate Track Detectors. 26th Int. Conference on Nuclear Tracks in Solids, Kobe, Japan, 15-19 September (2014).
 32. M. Sohrabi, Preliminary Program to Protect Public in Ramsar VHBNRAs and Establish "Ramsar Natural Radioactivity Educational and Research Park". Presented at the 8th Int. Conference on High Levels of Natural Radiation and Radon, Prague, Check Republic, 1-5 Sept (2014).
 33. M. Sohrabi, Education Standards and Standards Education (ESSE) Process (ESSE) in a National Education Cycle with Special Regards to Radiological Protection. Presented at the 8th Int. Conference on High Levels of Natural Radiation and Radon, Prague, Check Republic, 1-5 Sept (2014).

34. M. Sohrabi, J. Roositalab, and J. Mohammadi, Public Effective Dose Assessment from External Gamma Exposures Indoors and Outdoors of Normal Background Radiation Environment in Iran, 8th Int. Conference on High Levels of Natural Radiation and Radon, Prague, Check Republic, 1-5 Sept (2014).
35. M. Sohrabi and F. Khodadadi, Determination of ²²⁶Ra in Ramsar hot spring waters by one and two-phase media method using 50 Hz–2kV ECE polycarbonate detectors. Presented at the 8th Int. Conference on High Levels of Natural Radiation and Radon, Prague, Check Republic, 1-5 Sept (2014).
36. M. Sohrabi, A. Hakimi and Z. Soltani. Reducing Inherent Background Track Density Of 1mm-Thick Polycarbonate Detectors Processed, Presented at the 8th Int. Conference on High Levels of Natural Radiation and Radon Areas, Prague, Check Republic, 1-5 September 2014.
37. M. Sohrabi, Plenary Keynote Talk. A Universal Radiation Protection System (URPS). Based on Natural Background Radiation. Presented at the 8th Int. Conf. on High Levels of Natural Radiation and Radon Areas, Prague, Check Republic, 1-5 Sept (2014).
38. M. Sohrabi, Invited Talk; Need to Developing “International Young Women Entrepreneurship Standards for New Technologies”, Procds.: International Conference on “Entrepreneurship for Young Women and Using of New Technologies: Issues and Challenges”, Islamabad, Pakistan pp. 155-170, 26-27 Nov (2013).
39. M. Sohrabi, “The importance of SSNTD in Education, Training, Research and Development, and Provision of Services in a Radiation Protection Infrastructure”, 23rd International Conference on Nuclear Tracks in Solids, Beijing (China), 11-15 Sept (2006).
40. M. Sohrabi, Invited Speech, John Horan 10th Annual Symposium, USA, 29 April 2006 (but could not attend).
41. M. Sohrabi, Keynote Speech, Some World High Level Natural Background Radiation Areas; Should They be Regulated and Remediated? Presented at the 1st Human, Life and Radiation Conference, Rafsanjan, Iran, 29-31 Oct (2006).
42. A. Outokesh, M., M. Sohrabi, M. Salehi Comparison of Purity and Neutron Response of Elemental Boron Produced by Atmosphere; Control System and Moissan Method, 12th Int. Conference on Boron Chemistry (IMEBoron-12), Sendai, Japan, 11-15 Sept (2005).
43. M. Sohrabi, Keynote Speech, “The Impact of Studies on World High Level Natural Background Radiation Area on Setting Radiation Protection Standards”, presented at 1st Human, Life and Radiation Conference, Rafsanjan, Iran, 29-31 October (2006).
44. M. Sohrabi, M. Babapouran, Invited paper, New Public Dose Assessment from Internal and External Exposures in Low and Elevated Level Natural Radiation Areas of Ramsar, Iran. 6th Int. Conf. on High Levels of Natural Radiation and Radon Areas; Radiation Dose and Health Effects. Osaka, Japan, 06-10 Sept (2004);
45. M. Sohrabi, M. Taheri, and T. Hosseini, Characteristics of a New Method for Measurement of ²²⁶Ra in Water by Alpha Detection from a Micofilter using SSNTD, 5th Int. Conf. High Level Natural Radiation and Radon Areas, Munich, Germany, 4-7 Sept (2000).
46. M. Sohrabi & A.R. Esmaili, Keynote Speaker; New Public Dose Assessment of Elevated Natural Radiation Areas of Ramsar (Iran) for Epidemiological Studies, 5th Int. Con on High Level Natural Radiation and Radon Areas, Munich, Germany, 4-7 Sept. (2000).
47. M. Sohrabi, Keynote Speaker, Exposure of Workers from Elevated Natural Exposure, 10th Int. Conf. of IRPA, Hiroshima, Japan, 14-19 May (2000).
48. M. Sohrabi, Keynote Speaker, Environments with Elevated Natural Radiation, presented at the IAEA Int. Conf. on Restoration Environment with Radioactive Residues, Arlington, Virginia, USA, 29 November-3 December (1999).

49. M. Sohrabi, Invited Paper, Public Chronic Exposure from Elevated Natural Radiation: Some Issues on Needs to Radiological Criteria, Epidemiological Studies and Regulatory Control, to be presented, II Technologically Enhanced Natural Radiation Symposium, Rio De Janeiro, Brazil. September 12-17 (1999).
50. M. Sohrabi and Gh. Zainali, A Versatile Electrochemical Etching Chamber (VECEC) System for Multi-Size and/or Multi-Shape Detector Processing, presented at 19th Int. Conf. on Nucl. Tracks in Solids, Besançon, France, July 31-Aug.4 (1998).
51. M.R. Kardan, M. Sohrabi and A. Mostofizadeh, Verification of Mason and Smythe Equations for Electrical Treeing Breakdown at the Tip of Tracks in ECE Polycarbonate Detectors, presented at 19th Int. Conf. on Nuclear Tracks in Solids, Besançon, France, July 31-August 4 (1998).
52. M. Sohrabi and A. Mostofizadeh, Measurement of Neutron Doses in and around High-Energy Beam of Saturne 20 Medical Linear Accelerator by ECE Polycarbonate Detectors, presented at 19th Int. Conf. on Nuclear Tracks in Solids, Besançon, France, July 31-August 4 (1998).
53. Gh. Zainali and M. Sohrabi, A New Nuclear Method for Production of Signs and Symbols by Electrochemical Etching of Charged Particle Tracks in Polymer Detectors, presented 19th Int. Conf. on Nuclear Tracks in Solids, Besançon, France, July 31-August 4 (1998).
54. M.S. Lotf Ranaei and M. Sohrabi, Development of an Image Processing System for Track Counting and Measurements, presented at 19th Int. Conf. on Nuclear Tracks in Solids, Besançon, France, July 31-August 4 (1998).
55. M. Katouzi, M. Sohrabi and B. Ghasemi, Optimization of Chemical Etching Parameters for Quick Processing of Alpha Tracks in CR-39, presented at 19th Int. Conf. on Nucl. Tracks in Solids, Besançon, France, July 31-Aug. 4 (1998).
56. M. Sohrabi, Invited paper, Highlights of Recent Advances on Electrochemical Etching of Polymer Track Detectors with Special Regard to polycarbonate, presented at 19th Int. Conf. on Nucl. Tracks in Solids, Besançon, France, July 31-Aug. 4 (1998).
57. M. Sohrabi, M. Jafarizadeh, and F. Nazeri, Analysis of the Glow-Curve Kinetics of CaF₂:Tm (TLD-300) Based on General Order Model, presented at 12th Int. Conf. on Solid State Dosimetry, Burgos, Spain, 5-10 July (1998).
58. M. Sohrabi, F. Abbasiziar and M. Jafarizadeh, Dosimetric Characteristics of Natural Calcium Fluoride (CaF₂.nat) of Iran, pres.at 12th Int. Conf. on Solid State Dosimetry, Burgos, Spain, 5-10 July (1998).
59. M. Sohrabi, M. Jafarizadeh and F. Abbasiziar, Sensitive CaSO₄:Dy and CaSO₄:Tm Thermoluminescent Dosimeters Produced from Natural Crystals of Iran, presented at 12th Internat. Conf. on Solid State Dosimetry, Burgos, Spain, 5-10 July (1998).
60. M. Sohrabi, Invited paper, From Electron Microscopy to Unaided Eyes: A Review of Studies on Electrochemical Etching of Charged Particle Tracks in Polymers for High-LET Radiation Dosimetry, presented at the 12th Int. Conf. on Solid State Dosimetry, Burgos, Spain, 5-10 July (1998).
61. M. Sohrabi and M. M. Beitollahi, S. Hafezi and M. Assefi, Public Exposure from 226Ra in Drinking Water Supplies of Iran, Assian Conference on Water and Wastewater Management, Tehran, Iran, March 2-4 (1998).
62. M. Sohrabi, Low Dose and/or High Dose in Radiation Protection; A Need to Setting Criteria for Classification, Procs. of the IAEA Int. Conf. on Low doses of ionizing Radiation: Biological Effects and Regulatory Control, Seville, Spain, 17-21 Nov (1997).
63. M. Sohrabi, New Criteria Proposed for Classification of World Elevated Natural Radiation and/or Radon-Prone Areas by A System of Public Dose Limitation, presented at the IRPA

- Regional Symp. Radiation Protection in Neighboring Countries of Central Europe, Prague, Czech Republic, 8-12 Sept (1997).
64. M. Sohrabi and M. M. Beitollahi, Environmental Radiological Studies in the Hot Spring Region of Mahallat, Central Iran, presented at the IRPA Regional Symp. Radiation Protection in Neighboring Countries of Central Europe, Prague, Czech Republic, 8-12 Sept (1997).
 65. M. Sohrabi, D. Farvadin, A. Bahrami and M. Shokouhi, Monitoring Residential Electric and Magnetic Fields Near Overhead Power Lines in Iran, presented at the IRPA Regional Symp. Radiation Protection in Neighboring Countries of Central Europe, Prague, Czech Republic, 8-12 Sept (1997).
 66. M. Sohrabi, M. Jafarizadeh and M. Zahedifar, Kinetic Parameters of Li:Mg,Ti Thermoluminescent Dosimeters, 7th Int. Symp. on Radiation Physics, Jaipur, India, 24-28 Feb (1997).
 67. M. Sohrabi, N. Dadvand and M. R. Kardan, Introduction of PMW and PEMW Etchants for Rapid and Broad-Energy Range Alpha Track Registration in ECE Polycarbonate Detectors, 7th Int. Symp. on Radiation Physics, Jaipur, India, 24-28 Feb (1997).
 68. M. Sohrabi, M. Bolourchi, M. Beitollahi and J. Amidi, Natural Radioactivity of Soil Samples in Some High Level Natural Radiation Areas of Iran", presented at 4th Int. Conf. on High Levels of Natural Radiation, Beijing, China, 21-25 Oct (1996).
 69. M. Sohrabi, M. Beitollahi, Y. Lasemi and E. Amin Sobhani, "Origin of a New HIGH Level Natural Radiation Area in Hot Spring Region of Mahalat, Central Iran", presented at 4th Int. Conf. on High Levels of Natural Radiation, Beijing, China, 21-25 Oct (1996).
 70. M. Sohrabi, INVITED PAPER, World High Level Natural Radiation and /or Radon Prone Areas with Special Regard to Dwellings, pres. at 4th Int. Conf. on High Levels of Natural Radiation, Beijing, China, 21-25 Oct (1996).
 71. M. Sohrabi, S. Borhan Azad and B. Aghahadi, Implementation of Some Dose Reduction Methods in Diagnostic Radiology, Presented at 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Association, IRPA9, V. 3, Vienna, Austria, 14-19 April (1996).
 72. M. Sohrabi, Health Physics Education and Training in Iran, Presented at 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Association, IRPA9, Vienna, Austria, 14-19 April (1996).
 73. M. Sohrabi, A. Bahrami and D. Farvadin, Design and Construction of a Broadband Electric Probe, Presented at 9th Int. Congress on Radiation Protection of Int. Rad. Prot. Assoc. IRPA9, Vienna, Austria, 14-19 April (1996).
 74. M. Sohrabi, A. Alirezazadeh and A. Aliabadi, Design and Performance Characteristics of a Thyroid Counter for Radioiodine Monitoring, Presented at 9th Int. Cong. on Rad. Prot. of IRPA, IRPA9, Vienna, Austria, 14-19 April (1996).
 75. M. Sohrabi, Some Comments on ICRP-60 and BSS as regards to quality factor, radiation weighting factor and relative biological effectiveness", Int. Seminar on Advancements in the Implementation of New Basic Safety Standards Experience in Applying the 1990 Recommendations of the ICRP, paper IAEA-SR-193-29, 20-24 Nov (1995).
 76. M. Khoshnoodi and M. Sohrabi, "A New Expression for Determination of Fluences Neutrons from a Spherical Moderator Neutron Source for the Calibration of Spherical Neutron Devices, presented at 8th Symp. on Neutron Dosimetry; Advances on Particle Dosimetry, Paris, France, 3-17 Nov (1995).
 77. M. Sohrabi and H. Zainali, A New Multi Detector ECE Processing Chamber System for Large Scale Alpha, Radon and Neutron Dosimetry Applications, presented at 17th Int. Conf. on Nuclear Tracks in Solids, Dubna, Russia, 24-29 Aug (1994).

78. M. Sohrabi and Sh. Mahdi, Introduction of a Novel Track Counting Method by Thermal Neutron Induced Activity Measurements of DYECETS, presented at 17th Int. Conf. on Nucl. Tracks in Solids, Dubna, Russia, 24-29 Aug (1994).
79. M. Sohrabi, H. Mirzaee and T. Hosseini, Determination of ^{226}Ra in Food and Water Samples by Polycarbonate Alpha Detectors, presented at the 17th Int. Conf. on Nuclear Tracks in Solids, Dubna, Russia, 24-29 Aug (1994).
80. M. Sohrabi and M. Katouzi, Optimization of Parameters for Practical ECE of Neutron and Alpha Tracks in CR 39 Detectors, presented at the 17th Int. Conf. on Nuclear Tracks in Solids, Dubna, Russia, 24-29 Aug (1994).
81. M. Sohrabi, INVITED PAPER, The State of the Art in Electrochemical Etching of Charged Particle Track Detectors, presented at the 17th Int. Conf. on Nuclear Tracks in Solids, Dubna, Russia, 24-29 Aug (1994).
82. M. Sohrabi (Co-Chairman) and S. Borhan Azad, Implementation of Some Dose Reduction Methods in Diagnostic Radiology for a National Quality Assurance Programme in Iran, Final Res. Coordination Meeting on the IAEA/CEC Coordinated Res. Program on Radiation Dose in Diagnostic Radiology and Methods of Reduction", IAEA, 4-8 Oct (1993).
83. M. Sohrabi and M. Katouzi, Neutron Albedo Neutron Personnel Dosimetry: Principles of Operation for a National Service in Iran, presented at Procs. of IRPA Regional Congress: Asia Congress on Radiation Protection, p. 366, Beijing, China, 18-22 Oct (1993).
84. M. Sohrabi, S. Borhan Azad and Shoushtarian, New Data on Genetically Significant Dose Due to Diagnostic Radiology in Iran, presented and published in Procs. of IRPA Regional Congress: Asia Congress on Radiation Protection, p. 307, Beijing, China, 18-22 Oct (1993).
85. M. Sohrabi and F. H. Esmail Baigi, Production of $\text{CaSO}_4:\text{Dy}$ Thermoluminescence Dosimeters from Natural Crystals of Iran, Presented at the IRPA Regional Congress: Asia Congress on Rad. Prot., Beijing, China, 18-22 Oct (1993).
86. M. Sohrabi, INVITED PAPER, Advances on Radiation Protection Dosimetry Research, Development and Services at AEOI, presented at the IRPA Regional Congress: Asia Cong. on Radiation Protection, Beijing, China, 18-22 Oct (1993).
87. M. Sohrabi and M. Katouzi, Advances on "Neutron Albedo Neutron Personnel Dosimetry for a National Service in Iran, paper TPM-C6, 38th Annual Meeting of the Health Physics Society, Atlanta, Georgia, 11-15 July (1993).
88. M. Sohrabi, INVITED PAPER, Development of an Operational Personal Dosimetry Program in Developing Countries, Procs. of the IAEA Research Coordination Meeting for the "Coordinated Research Programme on Intercomparison for Individual Monitoring, IAEA, Vienna, 3-7 February (1992), Intercomparison of Radiation Dosimeters for Individual Monitoring, Final Rep. of a CRP Program, 1988-1992, IAEA TECDOC 704, pp. 149-161 (1993).
89. M. Sohrabi and Sh. Mahdi, A "Quick DYECET" Method of ECE Particle Tracks in Polymer Detectors, presented at the 16th Int. Conf. on Nuclear Tracks in Solids, Beijing, China, 7-11 Sept (1992).
90. M. Sohrabi and M. Katouzi, Discovery of A New Parameter Affecting the Response of Polymer track Detectors, presented at 16th Int. Conf. on Nuclear Tracks in Solids., Beijing, China, 7-11 Sept (1992).
91. M. Sohrabi and M. Sadeghi, INVITED PAPER, Discovery of Some Phenomena in Polycarbonate Detectors by a Novel Triplet ECE Technique, presented at the 16th Int. Conf. on Nucl. Tracks in Solids., Beijing, China, 7-11 Sept (1992).

92. M. Sohrabi, INVITED PAPER, Thirty Years of Radiation Protection in the Islamic Republic of Iran, Int. Symp. on Nucl. Energy and Radiation Protection, Taiyuan, China, 13 15 July (1992).
93. M. Sohrabi and M. Katouzi, INVITED PAPER, Development of a National Personnel Neutron Dosimetry Program in the Islamic Republic of Iran, presented at the 2nd Int. Workshop on Solid State Nuclear Track Detectors and Applications, Dubna, Russia, 24 26 March (1992).
94. M. Sohrabi, The Radiological Control Program of Food and Environment in Iran After the Chernobyl Accident, WHO Consultation Meet. Food Contamination, Amman, Jordan, 4 7 Nov (1991).
95. M. Khoshnoodi and M. Sohrabi, "The Application of A New Geometry Correction Function for Calibration of Spherical Neutron Devices Using Large Isotopic Neutron Sources, presented at the 7th Symposium on Neutron Dosimetry, Berlin, Germany, 14 18 Oct (1991).
96. M. Sohrabi and M. Katouzi, The Role of Phantom Parameters on the response of the Neutriran Albedo Neutron Personnel Dosemeter", presented at the 7th Symposium on Neutron Dosimetry, Berlin, Germany, 14 18 Oct (1991).
97. M. Sohrabi and M. Sadeghi, "A New ECE System and Method, presented at the 7th Symp. on Neutron Dosimetry, Berlin, Germany, 14 18 Oct (1991).
98. M. Sohrabi, INVITED PAPER, High Level Natural Radiation Areas with Special Regard to Ramsar, presented at the 2nd Int. Workshop on Radon Monitoring for Radioprotection, Environmental and/or Earth Sciences, pp. 98-108, International Center for Theoretical Physics, Trieste, Italy, 25 November 6 Dec (1991).
99. M. Sohrabi and M. Sadeghi, "Discovery of a New Effect in the Electrochemical Etching of Polymeric Dosimeters", presented at the 15th Int. Conf. on Particle Tracks in Solids, Marburg, Germany, 3-7 Sept (1990).
100. M. Zahedifar, and M. Sohrabi, Trapping Parameters of CaF₂:Dy (TLD-200) Used for Environmental Dosimetry, paper ICHLNR/MS/110/P10/2, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 Nov (1990).
101. M. Sohrabi and L. Fozoonmayeh and M. Khoshnoodi, Advances on the New Dyed ECE Track (DYECET) Method in Polymeric Dosimeters, paper ICHLNR/MS/110/P11/1, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 Nov (1990).
102. M. Sohrabi and M. Sadeghi, Efficient Detection and Spectrometry of Alphas from radon Daughters in Polycarbonate, paper ICHLNR/MS/110/P6/4, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 Nov (1990).
103. M. Sohrabi and M. Katouzi, A Three-Component AEOI Neutriran Albedo Neutronm Personnel Dosimeter, paper ICHLNR/MS/110/P7/6, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 Nov (1990).
104. T.Z. Fazeli, R. GH. Assaei, M. Sohrabi, A. Haydari, R. Varzegar, F. Zakeri and H. Sheikholeslami, Cytogenetic Studies of Inhabitants of a High Level Natural Radiation Area of Ramsar, Iran, Paper ICHLNR/MS/110/P1/5, Int. Conf. on High Levels of Natural Rad.n, Ramsar, IR Iran, 3 7 Nov (1990).
105. M. Sohrabi, H. Mirzaee, M. M. Beitollahi and S. Hafezi, A National Program for Determination of ²²⁶Ra in Public Water Supplies of Iran, paper ICHLNR/MS/110/P2/1, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 Nov (1990).
106. M. Sohrabi, H. Zainali, Sh. Mahdi, A. R. Solaymanian and Mo. Salehi, Determination of ²²²Rn Levels in Houses, Schools and Hotels of Ramsar by AEOI Passive Radon Diffusion Chambers, paper ICHLNR/MS/110/P4\1, In; Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3 7 Nov (1990).

107. M. Sohrabi, H.M. Taleshi, M. Beitollahi, S. Borhan Azad, Gh. Zainali, H. Mirzai and R. Assai, Radiological Studies in a House with High Levels of Natural Radiation, Paper ICHLNR/MS/110/P4/2, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 Nov (1990).
108. M. Sohrabi, S. Borhan Azad, GH, Zainali and M. Beitollahi, "External Gamma Dosimetry of Inhabitants of the Highest Natural Radiation Area of Ramsar, Book of Abstracts, paper ICHLNR/MS/110/P1/10, Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 Nov (1990).
109. M. Sohrabi, INVITED PAPER, Recent Radiological Studies in High Level Natural Radiation Areas of Ramsar, paper ICHLNR/MS/110/P11\2, Pres. at Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 Nov (1990).
110. M. Sohrabi and M. Katouzi "Design Characteristics of a Three Component AEOI Neutron Albedo Neutron Personnel Dosimeter, presented at the 15th Int. Conf. on Particle Tracks in Solids, Marburg, Germany, 3-7 Sept (1990).
111. M. Sohrabi, L. Fozoonmayeh and M. Khoshnoodi, "Advances on the New Development of DYED ECE Tracks (DYECET) in Polymers for Radiation Dosimetry", presented at 15th Int. Conf. on Particle Tracks in Solids, Marburg, Germany, 3-7 Sept (1990).
112. M. Sohrabi and M. Sadeghi, "Efficient Detection and Spectrometry of Alphas from Radon Daughters in Polycarbonate", presented at the 15th Int. Conf. on Particle Tracks in Solids, Marburg, Germany, 3-7 Sept (1990).
113. M. Sohrabi, Invited Paper, "Advances on Research, Development and Applications of SSNTDs in Radiation Protection at AEOI", presented at the 15th Int. Conf. on Particle Tracks in Solids, Marburg, Germany 3-7 Sept (1990).
114. M. Sohrabi (Chairman), K. Becker, S. Kobayashi, B. Lorentz, I. Othman, E. Palacios and P. Strohal, "The Role of IAEA in Strengthening Radiation Protection Infrastructure", Conclusion of the Closing Panel, IAEA Int. Symp. on Rad. Prot. Infrastructure, IAEA, Munich, 7-11 May (1990).
115. M. Sohrabi, "Radiation Protection Infrastructure in Iran", presented at IAEA Int. Symposium on Rad. Protection Infrastructure, IAEA, Munich, IAEA SM 309/53, pp. 245-255, 7-11 May (1990).
116. M. Sohrabi and S. Sadeghi Bojd, "UV and IR Spectrophotometry of Electrochemically etched and Dyed Tracks for Neutron Dosimetry", Pres. at 9th Int. Conf. on Solid State Dosimetry, Vienna, November 6-10 (1989).
117. M. Sohrabi and S. Sadeghi Bojd, "A New Development of Dyed ECE Tracks for Radiation Dosimetry", Presented at 9th Int. Conf. on Solid State Dosimetry, Vienna, 6-10 Nov (1989).
118. M. Sohrabi and M. Katouzi, "Some Characteristics of the AEOI. Neutron Albedo Neutron Personnel Dosimeter", Presented at 9th Int. Conf. on Solid State Dosimetry, Vienna, 6-10 Nov (1989).
119. M. Sohrabi, "The State of Radiation Protection in Iran", Presented at 7th Int. Congress Radiation Protection, Int. Rad. Prot. Assoc., Sydney, Australia, 10-17 April (1988).
120. M. Sohrabi and A.R. Solaymanian, "Indoor Radon Level Measurements Using the AEOI Passive Radon Diffusion Dosimeter, Presented at 7th Int. Cong. on Radiation Protection, Int. Rad. Prot. Association, Sydney, Australia, 10-17 April (1988).
121. M. Sohrabi and A.R. Solaymanian, "Indoor Radon Level Meas. in Some Regions of Iran, presented at the 14th Int. Conf. on Solid State Nucl. Track Detectors, Lahore, Pakistan, 2-6 April (1988).

122. M. Sohrabi and A.R. Solaymanian, "Some Characteristics of AEOI Passive Radon Diffusion Dosimeter", presented at the 14th Int. Conf. on Solid State Nuclear Track Detectors, Lahore, Pakistan, 26 April (1988).
123. M. Sohrabi, INVITED PAPER: "The State of Solid State Nuclear Track Personnel Neutron Dosimeters", presented at 14th Int. Conf. on Solid State Nuclear Track Detectors, Lahore, Pakistan, 26 April (1988).
124. M. Sohrabi, "Discovery of An "Internal Heating Effect" During electrochemical Etching of Polymeric Dosimeters: A Study of Applied Field Conditions", pres.at the 3rd Int. Symp. on Rad. Physics, Ferrara, Italy, 30 Sept to 4 Oct (1985).
125. M. Sohrabi and M. Khoshnoodi, "The Effect of Pre etching Time on the Characteristic Responses of Electrochemically Etched CR 39 Neutron Dosimeters", Pres. at 13 Int. Conf. Nucl. Tracks in Solids, Rome, Italy, 23-27 Sept (1985).
126. M. Sohrabi and Sh. Mahdi, "Background Heat Treatment Studies in LR 115", pres. at 13 Int. Conf. Nuclear Tracks in Solids, Rome, Italy, 23-27 September, (1985).
127. M. Sohrabi and Gh. Zainali, "Broadening Registration Energy Range of Alpha Tracks in CR 39 under a New ECE Conditions, Presented at 13 Int. Conf. Nuclear Tracks in Solids, pp. 171-174, Rome, Italy, 23-27 Sept (1985).
128. M. Sohrabi, INVITED PAPER, "Discovery of an "Internal Heating Effect" during Electrochemical Etching of Polymeric Dosimeters: A Study of Polymer Characteristics", Presented at 13 Int. Conf. Nuclear Tracks in Solids, pp. 179-183, Rome, Italy, 23-27 Sept (1985).
129. M. Sohrabi and K.M. Shirazi, "Optimization of Etchants for Electrochemical Etching of Tracks in Polycarbonate Neutron Personnel Dosimeters", Pres. at 12th Int. Conf. on Nucl. Tracks in Solids, Acapulco, Mexico, 4-10 Sept (1983).
130. M. Sohrabi and E. Khajeian, Effect of Alpha Energy and Track Density on the Electrochemical Etching Response of Alpha and Recoil Tracks in Polycarbonate, Pres. at 12th Int. Conf. on Nucl. Tracks in Solids, Acapulco, Mexico, 4-10 Sept (1983).
131. P.H. McGinley and M. Sohrabi, "Neutron Contamination in the Primary Beam", Presented at the NBS Conference on Neutrons from Medical Accelerators, NBS, Gaithersburg, MD, 9-10 April (1979).
132. B. Khademi and M. Sohrabi, "Radon-222 Emanation Studies in the High Radiation Areas of Ramsar (Iran)" Paper No. A-23-1, Presented at 6th Int. Congress on Radiation Research, Tokyo, Japan, May 13 19 (1979).
133. M. Sohrabi and E. Khajeian, "Alpha Particle Track Registration in Polycarbonate by Electrochemical Etching for Health Physics and Radiation Research Applications", Paper No. C 16 6, Trans. of 6th Int. Congress on Radiation Research, Tokyo, Japan, 13 19 May (1979).
134. M. Sohrabi and M. Sohrabpour, Health Physics Education and Training in Iran, 13th Midyear Top. Symp. of Health Phys. Society, Honolulu, 10-13 Dec (1979).
135. M. Sohrabi and E. Khajeian, "Alpha Particle Track Registration in Polycarbonate by Electrochemical Etching for Health Physics and Radiation Research Applications", Abstract P/121, 24th Annual Meeting of Health Physics Society, Philadelphia, Penn. July (1979).
136. M. Sohrabi, "Some Data on Neutron Dosimetry Research and Development at the Atomic Energy Organization of Iran", presented and published in Proc. 7th DOE Workshop on Neutron Personnel Dosimetry, London, England, PNL-2807/UC-48, pp. 82 88, 23-24 Oct (1978).

137. M. Sohrabi and K.Z. Morgan, "The Effects of Field Strength and Frequency on the Electrochemical Etching of Charged Particle Tracks in Polycarbonate", P/84 23rd Ann. Meet. Health Physics Society, Minneapolis, MN, 18-23 June (1978).
138. M. Sohrabi and H. Parnianpour, Past, Present and Future Radiation Protection Trends in Iran, IRAN Conference on Transfer of Nuclear Technology, Persepolis/Shiraz, 10-14 April (1977).
139. M. Sohrabi and C.M. Vasisht, "Preventive Aspects of Radiation Protection in Nuclear Medicine", 3rd Iranian Cong. Nucl. Med. Tehran, Iran, 3-5 Oct (1977).
140. M. Sohrabi, "Some Experiences on the Electrochemical Etching of Charged Particle Tracks in Polymers", presented and published in Proc. of the 6th ERDA Workshop on Neutron Personnel Dosimetry, Oak Ridge Nat. Lab., PNL 2449/ Pacific Northwest Labs., Richmond, Washington pp. 129-133, July (1977).
141. M. Sohrabi, K.Z. Morgan and P.H. McGinley "Neutron Dosimetry in High Energy X Ray Beams from Medical Accelerators", Abstract P/151, p. 45, pres. at 22nd Ann. Meet. of Health Physics Society, Atlanta, Ga. 3-8 July (1977).
142. M. Sohrabi, "Internal Radiation Dosimetry", 2nd Annual Meet. of the Iranian Nucl. Med. Society, Isfahan 12-16 Oct. (1976), published in NRPD Report No. NRPD AEOI 77-80, pp. 19-30 (1976).
143. M. Sohrabi and K.Z. Morgan, "The Effects of Etchant Parameters on the Electrochemical Etching Amplification of Recoil Particle Tracks in Polycarbonate", Abstract Ik 1, page 38, Book of Abstracts, 21th Annual Meeting of the Health Physics Society, San Francisco, Ca. June 27 - July 2 (1976).
144. M. Sohrabi and K.Z. Morgan, "Some New Characteristics of a Fast Neutron Dosimeter", presented at Am. Ind. Hygiene Conf. Atlanta, Georgia, May (1976).
145. M. Sohrabi and K. Z. Morgan, "The Effect of Polycarbonate Foil Thickness on the Electrochemical Etching Amplification of recoil Particle Tracks", Pres. At 9th Topical Symp., Health Phys. Society, Denver, Colorado, 9-12 Feb (1976).
146. P. H. McGinley and M. Sohrabi, "Dose Levels Due to Neutrons in the Vicinity of High Energy Medical Accelerators", Pres. 9th Midyear Top. Symp., Health Phys. Soc., Denver, Colorado, 9-12 Feb (1976).
147. M. Sohrabi and K.Z. Morgan, "Thickness Dependence of a Simple Fast Neutron Personnel Dosimeter", Abstract CB7, Southeastern Section, American Physical Society Conference, Auburn, Alabama, 13-15 Nov. (1975).
- 148. M. Sohrabi, "Fast Neutron Personnel Dosimetry Using Track Etch Methods", American Nucl. Society Student Conf. Atlanta, Georgia, p. 24, April 11-12 (1974). Note: **Received Best Student Paper Award.****
149. M. Sohrabi and K.Z. Morgan, "Recent Developments in Fast Neutron Personnel Dosimetry using Track Etch Methods", paper I4, pres. 3d European Congress of International Radiation Protection Association, Amsterdam, 13-16 May (1975).
150. K. Becker, J.S. Cheka, J.S. Nagpal and M. Sohrabi, "Fading Characteristics of Various Films and Solid State Dosimeters in a Warm and Humid Climate", P/58, 17th Annual Meet. of the Health Physics Society, Las Vegas (1972).

III. BOOKS/Proceedings

1. Conference Editor and Member of Editorial Board of Journal of Nuclear Tracks, Pergamon Press, 1986 to 1994.
2. M. Sohrabi, J. U. Ahmed, S. A. Durrani (Editors), Procs. of Int. Conf. on High Levels of Natural Radiation, Ramsar, IR Iran, 3-7 November (1990), IAEA Proceeding Series, (1993).

3. (a)
 - M. Sohrabi, High Radon Levels in Nature and in Dwellings: Remedial Actions, Chapter of the Book on Radon Entitled "Radon Measurements by Etched Track Detectors; Applications in Radiation Protection, Earth Sciences and the Environment, R. Ilic and S. A. Durrani (Editors), by World Scientific Publisher (1997).
 - R. Ilic, S. A. Durrani and M. Sohrabi, Glossary of Terms, Chapter of a Book on Radon Entitled "Radon Measurements by Etched Track Detectors; Applications in Radiation Protection, Earth Sciences and the Environment", R. Ilic and S. A. Durrani (Editors), World Scientific Publisher (1997).
4. W. Burkart, M. Sohrabi, and A. Bayer, Editors; Proc. of International Conference on High Levels of Natural Rad. and Radon Areas; Radiation Dose and Health effects; 4-7 Sept. 2000; Elsevier (2002).
5. T. Sugahara, H. Morishima, M. Sohrabi, et al. (Editors); Int. Cong. Series 1276, 6th Int. Conf. on High Levels of Natural Rad. and Radon Areas; Radiation Dose and Health Effects. 06-10 Sept. 2004; Elsevier Publ. pp. 405-453, (2005).
6. T. Cechak, A. Fronka, M. Sohrabi, L. Thinova, Editors, Special Issue, 8th International Conference on High Levels of Natural Radiation and Radon Areas. 1 – 5 Sept., 2014, Prague, Czech Republic, Radiation Protection Dosimetry. May (2015).
7. M. Sohrabi, S. Tokonami, Editors, Special Issue, 9th International Conference on High Levels of Natural Radiation and Radon Areas. 1 – 5 Sept. 2018, Hirosaki, Japan, Radiation Protection Dosimetry (2019).
8. M. Sohrabi, I. Kashikawura, J. Tokonami, J. McLaughlin, J. Chen, Special Issue on 9th International Conference on High Level Environmental Radiation Areas; For Understanding Chronic Low.Dose.Rate Radiation Exposure; Health Effects and Social Impacts. Hirosaki, Aomori, Japan, 24-27 September 2018; Radiation Protection Dosimetry; Special Issue, October (2019).

VI. Some Recent National/International Conference Activities

- Chairman of the International Committee on High Levels of Environmental Radiation (1996-present)
- Chairman of the 10th International Conference on High Levels of Environmental Radiation, University of Strasburg, Strasburg, France, 27-30 June (2022).
- Chairman of the International Committee on High Levels of Natural Radiation and Radon Area.
- Chairman of the 9th International Conference on High Level Environmental Radiation Hirosaki, Japan, 24-27 September 2018.
- M. Sohrabi, A Standardized Individual Dose System for Epidemiology and Dose Limitation of Public and Workers by " Universal Radiation Protection System Hypothesis " **PART I:** " Current Radiation Protection System. European Summer School on Radiochemistry and Nuclear Instrumentation (low level radioactivity), 22-25 August 2017.
- M. Sohrabi, A Standardized Individual Dose System for Epidemiology and Dose Limitation of Public and Workers by " Universal Radiation Protection System Hypothesis " **PART II;** a "Universal Radiation Protection System (URPS) Hypothesis" European Summer School on Radiochemistry and Nuclear Instrumentation (low level radioactivity), 22-25 August 2017.

- M. Sohrabi, and F. Ebrahimezhad, Effects of Activated-Carbon-Fabric Parameters on Response of A New Prototype Polycarbonate-based Individual and Environmental Radon Monitor, 9th Int. Conference on High Levels Environmental Rad. Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
- M. Sohrabi, Keynote Speaker 1, Universal Radiation Protection System (URPS); A Natural Global Standardized Trend for Human Exposure Control in 21st Century. 9th Int. Conference on High Levels Environmental Rad. Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
- Chairman of the Conference, 8th Int. Conference on High Levels of Natural Radiation and Radon, Prague, Check Republic, 1-5 September 2014.
- Editor of Special Issue; Special Issue on "Global Radiation Safety Concern and Management of Radioactive Waste" Editorial, *J Nuclear Energy Sci. Power Generation Technology SI*. doi:10.4172/2325-9809.SI-007, 27 December 2013.
- Co-chairman, Iran-Japan Symposium on Advanced Imaging Technology for Applications in Cultural Heritage, Precision Agriculture and Environmental Monitoring, September 27, 2014.
- Chairman, International Scientific Committee and Member of Organizing Committee, 8th International Conference on High Levels of Natural Radiation and Radon, Prague, Check Republic, 1-5 September 2014.
- Member of International Scientific Committee and Invited Speaker; 26th Int. Conference on Nuclear Tracks in Solids, Kobe, Japan, 15-19 September (2014).
- Member of International Scientific Committee and Member of Executive Committee, International Society on Nuclear Tracks in Solids.
- Chairman of 8th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Prague, Czech Republic, 1-5 September (2014).
- Chairman of 9th Int. Conference on High Levels Environmental Rad. Areas; Hirosaki University, Japan, 24-27 Sept. (2018).
- Executive Director, IYPT 2011, Young Physicists Olympiads, Tehran, Iran.
- مدیر اجرایی مسابقات بین المللی فیزیک دانان جوان (IYPT 2011) که در دانشگاه مهندسی و فیزیک دانشگاه صنعتی امیرکبیر با شرکت 23 کشور پیشرفته جهان برگزار گردید .
- Organized and Chaired the International Committee, 7th Int. Conference on High Levels of Natural Rad. & Radon Areas; Rad. Dose and Health Effect; Mumbai, India, 24-26 November (2010).
- نایب رئیس "چهارمین کارگاه بین المللی پلاسما و کاربردهای آن" (IWPSA 2011) که در دانشگاه مهندسی و فیزیک دانشگاه صنعتی امیرکبیر برگزار گردید .
- M. Sohrabi, Invited Speaker at the 27th Int. Conference on Nuclear Tracks and Radiation Measurements, Strasburg University, Strasburg, France, 28th August to 1st September (2017). Solids, Kobe, Japan, 15-19 September (2014).
- Many conferences attended as Keynote/Invited speaker (Please see the list of conference papers).

V. Some Articles Presented/published in Farsi or English in Iran

19. پاره‌ای از مقاله‌های علمی در مجلات و کنفرانس‌ها به زبان فارسی یا انگلیسی در ایران

- 1- مهدی سهرابی، "پایش در برابر پرتوها در چرخه سوخت هسته‌ای"، آگهیانه سازمان انرژی اتمی ایران، ویژه کنفرانس سالزبورگ (1365).
- 2- مهدی سهرابی، "دزیمتری فردی آلدونوترون جدیدی به نام "نوتر ایران"، نشریه علمی سازمان انرژی اتمی ایران، شماره 1 ص 57-76 (1360).
- 3- مهدی سهرابی، حفاظت در برابر اشعه: پتانسیل موجود نیازها، "سمینار بررسی تکنولوژی هسته‌ای در ایران"، اصفهان، ایران، 9 الی 21 (1360).
- 4- مهدی سهرابی، "گذشته، حال و آینده پایش در برابر پرتوها در ایران، مقاله افتتاحیه، سمینار حفاظت در برابر اشعه"، سازمان انرژی اتمی ایران، 13-15 (1361).
- 5- مهدی سهرابی و کریم مسندی شیرازی، "اثرات شیمیایی خورش الکتروشمی در حساسیت دزیمترهای فردی نوترون نوترک و نوتر ایران"، سمینار حفاظت در برابر اشعه، سازمان انرژی اتمی ایران 13-15 (1361).
- 6- مهدی سهرابی و ابراهیم خواجه‌نیا، "ثبت ردپای ذرات آلفا در پلی کربنات برای دزیمتری نوترون و گاز رادن و اثر تعداد آنها در حساسیت و قطر ردپا"، سمینار حفاظت در برابر اشعه، سازمان انرژی اتمی ایران 13-15 (1361).
- 7- مهدی سهرابی، "پایش در برابر پرتوها در ایران، سمینار ایمنی در صنایع و بهداشت کار، وزارت کار و امور اجتماعی" 13 الی 17 (1361).
- 8- مهدی سهرابی، "پایش در برابر پرتوها در تولید و کاربرد مواد پرتوزا، سمینار رادیوایزوتوپ‌ها و کاربرد آنها در علوم، پزشکی، کشاورزی، صنعت"، تهران، ایران، 8 الی 10 (1361).
- 9- مهدی سهرابی، "پایش دندان‌پزشک و بیمار در برابر اثرات بیولوژیکی پرتوهای X" بیست‌ویکمین کنگره جامعه دندان‌پزشکی ایران، تهران، ایران، 9 الی 24 (1362).
- 10- مهدی سهرابی، "پایش در برابر پرتوها از دیدگاه سازمان‌های بین‌المللی"، دومین سمینار ایمنی و بهداشت کار، وزارت کار و امور اجتماعی، تهران، ایران 4 الی 6 (1363).
- 11- مهدی سهرابی، "پژوهش و توسعه پایش در برابر گاز رادن در محیط کار و زیست"، دومین سمینار ایمنی و بهداشت کار، وزارت کار و امور اجتماعی، 6 الی 14 (1363).
- 12- مهدی سهرابی، "کشف چند پدیده در خورش الکتروشمی ذرات باردار در پلیمرها"، کنفرانس علوم و تکنولوژی هسته‌ای ایران، سازمان انرژی اتمی ایران، بوشهر، ایران 22 الی 27 (1364).
- 13- مهدی سهرابی، "اصول پایش در برابر پرتوها در صنایع، سمینار بهداشت و ایمنی محیط کار در صنایع شیمیایی، گروه صنایع شیمیایی"، سازمان صنایع ملی ایران، 29 الی 30 (1365).
- 14- مهدی سهرابی، "چگونگی جلوگیری از پرتوگیری جنین بانوان در سنین باروری در رابطه با آزمایش‌های پزشکی با مواد پرتوزا دستگاه‌های پرتوساز"، نشریه داخلی سازمان انرژی اتمی ایران، شماره 5 (1366).
- 15- مهدی سهرابی، "معرفی یک سیستم جدید چندسولوی خورش الکتروشمی جهت بررسی و تعیین سریع منحنی مشخصه دزیمترهای دی‌الکترون پلی‌مری نوترون ذرات باردار"، نشریه علمی سازمان انرژی اتمی ایران، شماره 6 ص 14-4 (1366).
- 16- مهدی سهرابی و شهره مهدی، "بررسی اثر گرما درمانی آشکارساز IR-115 در ثبت ردپای زمینه و ذرات آلفا"، شماره 6، ص 39-47 (1366).
- 17- مهدی سهرابی، "دستگاه بین‌المللی یکاها و کمیت‌ها در پایش در برابر پرتوها"، گزارش داخلی، تابستان (1366).

- 18- مهدی سهرابی، "برخورد پرتوهای یون ساز با ماده"، تابستان (1366).
- 19- مهدی سهرابی، "تغییرات جدید ضریب کیفی در پایش در برابر پرتوها"، شماره 6، ص 63-66 (1366).
- 20- آموزش، پژوهش و توسعه خدمات فیزیک بهداشت در ایران، ششمین کنفرانس فیزیک ایران، دانشگاه تهران، 11 الی 16 (1368).
- 21- مهدی سهرابی و عبدالرضا سلیمانیان، "بررسی ویژگی‌های دزیتر پاسیو نفوذی گاز رادن سازمان انرژی اتمی ایران، جهت پرتوگیری مردم در خانه‌های مسکونی"، نشریه علمی سازمان انرژی اتمی ایران شماره 9، صفحات 1 تا 19 (1368).
- 22- تهیه و تدوین و به تصویب رساندن "قانون حفاظت در برابر اشعه" با همکاری سازمان انرژی اتمی ایران مصوب مجلس شورای اسلامی (1368).
- 23- تهیه و تدوین و تصویب "آئین‌نامه حفاظت در برابر اشعه" با همکاری سازمان انرژی اتمی ایران مصوب اردیبهشت (1369).
- 24- مهدی سهرابی، "کنترل پرتوزایی مواد غذایی در ایران"، سمینار سالروز جهانی بهداشت، وزارت بهداشت، درمان و آموزش پزشکی، 18 الی 19 (1369).
- 25- مهدی سهرابی، "ساختار حفاظت در برابر اشعه در ایران"، سمینار سالروز جهانی بهداشت، وزارت بهداشت، درمان و آموزش پزشکی، 18 الی 19 (1369).
- 26- مهدی سهرابی، "کاهش پرتوگیری مردم در پزشکی با اجرای قانون و مقررات حفاظت در برابر اشعه و پنجمین کنگره بازآموزی رادیولوژی"، دانشگاه علوم پزشکی ایران، 21 الی 26 (1369).
- 27- تهیه و تدوین تصویب "دستورالعمل شماره 1 فوق‌العاده کار با اشعه" مصوب واحد قانونی (1370).
- 28- مهدی سهرابی و همکاران، "دزیتری فردی و محیطی گاز رادن جهت پایش محیط کار و زیست اکتشاف اورانیوم"، سمینار حفاظت در برابر اشعه (1370).
- 29- مهدی سهرابی، نگاهی به حد پرتوگیری کارکنان و مردم در پزشکی: از دیدگاه قانون حفاظت در برابر اشعه و از دیدگاه مراجع ذیصلاح بین‌المللی، اولین کنگره فیزیک پزشکی ایران، دانشگاه علوم پزشکی تبریز، 28 الی 31 (1370).
- 30- حسین شیخ‌الاسلامی و مهدی سهرابی و همکاران، "نرم‌افزاری کامپیوتری محاسبه دز جنین در آزمایش‌های پرتوپزشکی"، اولین کنگره فیزیک پزشکی ایران، دانشگاه علوم پزشکی تبریز، ایران، 28 الی 31 (1370).
- 31- مهدی سهرابی، نوربخش علی‌رضازاده و مرتضی علی‌آبادی، "طراحی، ساخت و کاربرد یک دستگاه شمارنده تیروئید جهت کنترل آلودگی داخلی بدن به رادیویدها"، اولین کنگره فیزیک پزشکی ایران، دانشگاه علوم پزشکی تبریز، تبریز، ایران، 28 الی 31 (1370).
- 32- مهدی سهرابی و شهره مهدی، "روش‌های نوین رنگ‌کردن ردپای ذرات باردار هسته‌ای (دای‌ست) برای دزیتری امور حفاظت در برابر اشعه و مطالعه ساختار ردپاها"، نشریه علمی سازمان انرژی اتمی ایران، شماره‌های 11 و 13، صفحات 1 تا 25 (1372).

standards with 34.

Special Regards to Medical Exposure, 1st MEFOMP International Conference of Medical Physics, Shiraz, Iran, 2-4 November 2011.

35. M. Sohrabi, Invited Talk, Implications of the International Basic Safety Standards on Medical Exposure with Special Regards to Nuclear Medicine, 10th Asia Oceania Congress of Nuclear Medicine and Biology, Tehran, Iran, 2-4 May 2012.

36. H. Roshani, M. Habibi and M. Sohrabi, Design and study of an improved Faraday cup detector 4th International Workshop on Plasma Science and Applications و 1390 5و6 آبان، Amirkabir University of Technology, Tehran, Iran.

37. مهدی سهرابی و هکاران ، بررسی توزیع زاویه ای یون های نیتروژن دستگاه پلاسمای کانونی امیرکبیر با آشکارساز ردپای هسته ای پلی کربنات، هجدهمین کنفرانس هسته ای ایران، یزد، ایران، 5-3 اسفند 1390
38. مهدی سهرابی و هکاران ، روش جدید در شمارش ردپای یون ها در آشکارساز پلی کربنات، سومین کنفرانس مهندسی برق و الکترونیک ایران، 23-24 تیر 1390
39. مهدی سهرابی، فرآیند استاندارد آموزش و آموزش استاندارد (4الف) در چرخه آموزش کشور: گزارشی از کارگروه استاندارد و امینان از کیفیت گروه علوم مهندسی، فرهنگستان علوم ایران ، خبرنامه، سال چهارم، شماره 50، بهار 1393.
40. مهدی سهرابی، نیاز به نظام مهندسی فرایند استاندارد آموزش و آموزش استاندارد (4الف) در چرخه آموزش کشور با نگاهی به آینده استاندارد-محور ایران، اولین همایش فرایند استاندارد آموزش و آموزش استاندارد (4الف) در چرخه آموزش کشور، گروه علوم مهندسی، فرهنگستان علوم ایران 5-6 آذرماه 1393 و مقالات دیگر

13. Supervision of over 112 Ph.D., M.Sc. and B.Sc. Theses; 11 Ph.D., 86 M.Sc., and 15 B.Sc.

استاد راهنمای 112 دانشجوی از دانشگاه تهران، دانشگاه صنعتی شریف، دانشگاه تربیت مدرس، دانشگاه شهید بهشتی، دانشگاه علوم پزشکی ایران و بویژه دانشگاه صنعتی امیر کبی: 11 پایان نامه دکتری، 86 پایان نامه کارشناسی، 15 پروژه پایان نامه کارشناسی، و یک پروژ دبیرستانی جهت المپیاد ها

الف: استاد راهنمای 11 پروژه پایان نامه دانشجوی دکتری (11 Ph.D. Theses)

1. ارائه دهنده پروژه دکتری آقای گری استیل واگن، تعریف پروژه در انستیتو تکنولوژی جورجیا و ارائه آن به USERDA در آمریکا و تصویب و اجرای آن برای پایان نامه Ph.D. و سپس عزیمت به ایران (1976).
2. استاد راهنمای خارجی محمد توفیل، "رادن و اندازه گیری گاما برای تعیین دز، تخمین ریسک سرطان و کاربرد ژئولوژی/ژئوفیزیک"، دکتری (Ph.D.) در رشته فیزیک، دانشگاه پنجاب، پاکستان (1992).
3. شهره مهدی و مهدی سهرابی، "ارتقاء پتانسیل اندازه گیری گاز رادن"، دکتری مهندسی (Ph.D.) علوم و تکنولوژی هسته ای، (اولین فارغ التحصیل دوره دکتری مهندسی هسته ای کشور (Ph.D.) دانشگاه صنعتی امیرکبیر (1374).
4. نازیلا دادوند و مهدی سهرابی، "بررسی بنیادی و کاربردی در رابطه با ارتقاء راندمان آشکارسازهای خورشیدی حالت جامد" دکتری شیمی (Ph.D.)، دانشگاه شهید بهشتی، 1378.
5. پاریسی، معصومه، تعیین "سطح دز مرجع ملی ایران" در آزمون های سی تی اسکن با ابداع روش های پایش نوین، دکتری تخصصی، رشته مهندسی هسته ای-پرتو پزشکی، دانشگاه صنعتی امیرکبیر 1396.

6. امیر حکیمی و مهدی سهرابی، ارتقای دزیمتری و اسپکترومتری فوتونوترونهای شتابدهنده های خطی پزشکی، دکتری تخصصی، دانشگاه صنعتی امیرکبیر، رشته مهندسی هسته ای- پرتوپزشکی 1396.
7. زهرا سلطانی، مهدی سهرابی و حبیبی مرتضی: ارتقای بهره آشکارسازی ردپای هسته‌ای حالت جامد برای یون‌های با توان ایستادگی کم‌مقدار در دستگاه پلاسمای کانونی، دکتری تخصصی، رشته مهندسی هسته ای- کاربرد پرتوها، دانشگاه صنعتی امیرکبیر 1398.
8. نوید وهمن، رضا امرالهی و مهدی سهرابی: ارتقاء مدیریت حوادث و خیم نیروگاه‌های هسته ای برای حفاظت مردم و محیط زیست رشته مهندسی هسته ای، دانشگاه صنعتی امیرکبیر (2022)
9. عارفه زرین شاد، مهدی سهرابی و رضا امرالهی: "طیف سنجی پرتوهای بونی در دستگاه پلاسمای کانونی" رشته مهندسی هسته ای- گداخت، دانشگاه صنعتی امیرکبیر (2022) (در دست اجرا)
10. منصور اسماعیلی سنجوانمره، مهدی سهرابی، و مرتضی حبیبی: طراحی و ساخت آشکارساز یونساز دوقلو نوین برای تعیین ضریب تعادل گازرادون و دختران (2022) (در دست اجرا)
11. ساحل ربیعی، مهدی سهرابی و حسن آفریده: تولید، کاربرد و بررسی های پارامتریک مواد با خاصیت الکتروت برای دزیمتری پرتوها (2022) (در دست اجرا).

ب. استادارهنمای 86 پروژه پایان نامه کارشناسی ارشد (86 M.Sc. These)

1. ابراهیم خواجه ثیان و مهدی سهرابی، "آنالیز خورش الکتروشمیمی جهت ثبت مؤثر ذرات آلفا در آشکارساز پلیمری پلی کربنات"، رشته مهندسی هسته‌ای، دانشگاه شیراز (1358).
2. کریم مسندی شیرازی و مهدی سهرابی، "آنالیز رفتار خورنده‌ها در خورش الکتروشمیمی ذرات پس زده شده ناشی از نوترون در آشکارساز پلی کربنات"، رشته مهندسی هسته‌ای، دانشگاه شیراز (1358).
3. شهره مهدی و مهدی سهرابی، "دزیمتری فردی و محیطی گاز رادن و محصولات دختر آن"، رشته فیزیک، دانشگاه تهران (1363).
4. عبدالرضا سلیمانیان و مهدی سهرابی، "طراحی و ساخت دزیمتر پاسیو نفوذی گاز رادن سازمان انرژی اتمی ایران برای مونیتورینگ گاز رادن در خانه‌های مسکونی"، رشته فیزیک، دانشگاه تهران (1367).
5. پرویز پروین و مهدی سهرابی، "بررسی های پارامتریک روش جدید خورش و شمارش هم‌زمان ردپای پاره‌های شکافت ازواکنش (n,f) در یک دزیمتر نوترون با روش الکتریکی"، رشته مهندسی هسته‌ای، دانشگاه صنعتی شریف (1367).
6. سوسن صادقی بجد و مهدی سهرابی، "بررسی اسپکتروفتومتری ردپای خورش الکتروشمیمیایی و رنگ شده ذرات باردار جهت دزیمترهای نوترون"، رشته شیمی، دانشگاه تهران (1367).

7. مهران کاتوزی، و مهدی سهرابی، "بررسی پارامتریک و دزیمتریک دزیمتر آلدونوترون نوتر ایران"، رشته فیزیک، دانشگاه تهران (1368).
8. جمشید شوشتریان و مهدی سهرابی، "بررسی وضعیت پرتوگیری کارکنان و بیماران در ارتباط با پرتوپزشکی در ایران"، رشته فیزیک پزشکی، دانشگاه تربیت مدرس (1368).
9. مصطفی زاهدی فر و مهدی سهرابی، "تعیین پارامترهای سیستمیک دزیمترهای ترمولومینسانس"، رشته فیزیک، دانشگاه تهران (1369).
10. طاهره ضیاء فاضلی و مهدی سهرابی، "بررسی آسیب‌های کروموزومی ساکنان مناطق با پرتوزایی بالا در رامسر"، رشته بیوفیزیک، دانشگاه تهران (1369).
11. بهرام نامی، "شمارش خودکار ردپای خورش شده" دانشکده فنی، دانشگاه تهران (1370).
12. فریده ذاکری، و مهدی سهرابی، "بررسی اثرات پرتوهای یونساز به سیستم ایمنی هومورال در پرتونگاران صنعتی"، رشته بیولوژی، دانشگاه علوم پزشکی تهران (1370).
13. فرشته حاج‌اسماعیل‌بیگی و مهدی سهرابی، "تولید دزیمترهای ترمولومینسانس از کریستال‌های طبیعی ایران"، رشته فیزیک، دانشگاه صنعتی امیرکبیر (1371).
14. عباس بهرامی و مهدی سهرابی، "بررسی نظری، طراحی و ساخت یک پروب اندازه‌گیری پرتوهای الکترومغناطیس"، رشته مخابرات، دانشگاه خواجه نصیرالدین طوسی (1371).
15. طاهره حسینی و مهدی سهرابی، "ابداع روش نوین برای اندازه‌گیری رادیوم-266 در مواد غذایی به ویژه در منطقه با پرتوزایی بالای رامسر"، رشته شیمی، دانشگاه شهید بهشتی (1373).
16. محمد اتوکش و مهدی سهرابی، "تهیه و تولید عنصر بور از کانی‌های ایران جهت کاربرد در دزیمتری فردی آلدونوترون نوتر ایران"، رشته مهندسی هسته‌ای، دانشگاه صنعتی شریف (1373).
17. حسین تاجیک احمدی و مهدی سهرابی، "اندازه‌گیری غلظت گاز رادن-222 در آب‌های آشامیدنی کشور"، رشته مهندسی بهداشت محیط، دانشگاه تهران (1373).
18. پیمان حجازی و مهدی سهرابی، "بررسی و تعیین دز کارکنان مراکز پزشکی هسته‌ای ایران"، رشته فیزیک پزشکی، دانشگاه تربیت مدرس (1374).
19. احمدرضا مقتدایی و مهدی سهرابی، "طراحی و ساخت سیستم اندازه‌گیری پارامترهای مؤثر جهت کنترل کیفی و کاهش پرتوگیری مردم در رادیولوژی تشخیص"، رشته مهندسی هسته‌ای دانشگاه صنعتی شریف (1374).

20. چنگیزی و مهدی سهرابی، کنترل کیفی دستگاه‌های سی‌تی‌اسکن در جهت کاهش دز بیماران بازاء نگهداری یا بهبود کیفیت تصویر رشته بیوفیزیک، دانشگاه علوم پزشکی تهران (1374).
21. بهجت قاسمی و مهدی سهرابی، "بررسی‌های دزیمتریک پارامتریک آشکارساز CR-39 برای ثبت مؤثر و سریع ذرات آلفا در برد وسیع انرژی"، رشته مهندسی هسته‌ای، دانشگاه صنعتی شریف (1374).
22. فرشته صافی و مهدی سهرابی، "رشد کریستال LiF:Mg,Ti و بررسی پارامترهای دزیمتریک آن جهت خدمات دزیمتری در ایران"، رشته فیزیک، دانشگاه صنعتی امیرکبیر.
23. مسعود مؤمن بیت‌اللهی و مهدی سهرابی، "تشکیل تراورتن و منشاء پرتوزایی طبیعی بالا در منطقه آبگرم محلات"، رشته زمین‌شناسی، دانشگاه آزاد اسلامی واحد شمال (1374).
24. بهمن آقاهادی و مهدی سهرابی، "کاهش دز جذبی بیماران با کنترل کیفی در سیستم‌های رادیولوژی تشخیصی در کشور"، رشته بیوفیزیک دانشگاه تهران (1375).
25. محمدرضا کاردان و مهدی سهرابی، "پژوهش در مکانیسم خورش الکتروشیمی جهت ارتقاء کاربرد آن در دزیمتری کارکنان، مردم و بیماران"، رشته مهندسی پرتوپزشکی، دانشگاه صنعتی شریف (1375).
26. علی مستوفی‌زاده و مهدی سهرابی، "سنجش دز آلودگی نوترونی ناشی از شتاب‌دهنده‌های پزشکی تولیدکننده پرتوهای X با انرژی بالا" رشته مهندسی پرتوپزشکی، دانشگاه صنعتی امیرکبیر (1375).
27. جلیل روزیطلب و مهدی سهرابی، "تعیین مقدار پرتوگیری ناشی از پرتوهای گامای محیطی مردم در ایران"، رشته مهندسی پرتوپزشکی، دانشگاه صنعتی امیرکبیر (1375).
28. سعیدحسین تودشکی و مهدی سهرابی، "کنترل کیفی در دندان‌پزشکی در ایران"، رشته مهندسی پرتوپزشکی، دانشگاه صنعتی امیرکبیر (1375).
29. بردیا حاجی‌زاد و مهدی سهرابی، "کنترل کیفی در پزشکی هسته‌ای ایران"، رشته مهندسی پرتوپزشکی، دانشگاه صنعتی امیرکبیر (1375).
30. حسن زمانی زینالی و مهدی سهرابی، "کنترل کیفی در پزشکی هسته‌ای ایران"، رشته مهندسی پرتوپزشکی، دانشگاه صنعتی امیرکبیر (1375).
31. غلامحسن حدادی و مهدی سهرابی، "اندازه‌گیری میزان گاز رادن در خانه‌های مسکونی تبریز"، رشته فیزیک پزشکی، دانشگاه علوم پزشکی تبریز (1375).
32. شهین جباری و مهدی سهرابی، "کنترل کیفی پرتودرمانی از سیستم تا برنامه‌ریزی درمان در بیمارستان امام خمینی تبریز"، رشته فیزیک پزشکی، دانشگاه علوم پزشکی تبریز (1375).

33. سیما تقی‌زاده و مهدی سهرابی، "کنترل کیفی در سیستم‌های ماموگرافی در ایران"، رشته فیزیک پزشکی، دانشگاه علوم پزشکی ایران (1375).
34. محمد تقوی و مهدی سهرابی، "رشد پایدار تولید انبوه کریستال دزیمتر LiF:Mg,Ti و ساخت کارت‌های دزیمتری فردی ترمولومینسانس جهت خدمات کشوری و صادرات"، رشته فیزیک، دانشگاه تهران (1375).
35. زینب پرسوزی و مهدی سهرابی، "ارزیابی دز دریافتی ساکنان اطراف نیروگاه هسته‌ای بوشهر در حالت کار عادی نیروگاه". دانشگاه صنعتی امیر کبیر (1387)
36. مریم سادات قاسمی و مهدی سهرابی، "ارزیابی دز دریافتی ساکنان اطراف نیروگاه هسته‌ای بوشهر در هنگام وقوع حوادث احتمالی" دانشگاه صنعتی امیر کبیر (1387)
37. حسین روشنی و مهدی سهرابی، "آشکارسازی یون‌های پلاسمای کانونی با آشکارسازهای خورش شیمیایی و الکتروشیمیایی جالب جامد ردپای هسته‌ای"، دانشگاه صنعتی امیر کبیر (پایان نامه برتر یازدهمین دوره پژوهش دانشجویی 1391).
38. هانی اسدی و مهدی سهرابی، "بررسی مواد پرتوزای ناشی از پرتوهای کیهانی (^{14}C) و مواد پرموردیل زمین (^{226}Ra , ^{222}Rn) در آب‌های آشامیدنی ایران با استفاده از روش سنتیلاسیون مایع"، دانشگاه صنعتی امیر کبیر 1390.
39. وحید رضانی و مهدی سهرابی، "آشکارسازی یون‌های آلفا در پلاسمای کانونی با آشکارسازهای خورشی الکتروشیمی حالت جامد"، دانشگاه صنعتی امیر کبیر 1391.
40. فاطمه خدادادی و مهدی سهرابی، اندازه‌گیری رادیم (226) و رادان (222) در آب با آشکارسازی ردپای ذرات در پلیمرهای حالت جامد: کارشناسی ارشد، 1391، دانشگاه صنعتی امیر کبیر. (در دست اجرا). مهندسی کاربرد پرتوها.
41. عارفه زرین شاد و مهدی سهرابی، پخش یون‌های هلیوم دستگاه پلاسمای کانونی با خورش الکتروشیمی آشکارساز پلی‌کربنات: کارشناسی ارشد، مهندسی گداخت هسته‌ای. دانشگاه صنعتی امیر کبیر 1391.
42. فرشته ساحلی و مهدی سهرابی، "تولید آشکارساز سوسوزن سولفید روی (فعال شده) برای کاربردهای گوناگون": کارشناسی ارشد، مهندسی پرتو پزشکی، دانشگاه صنعتی امیر کبیر. 1391.
43. محدثه قربان‌زاده و مهدی سهرابی، "تخمین دز جنین در پرتوگیری اتفاقی مادر در رادیولوژی" کارشناسی ارشد، مهندسی پرتو پزشکی. دانشگاه صنعتی امیر کبیر 1391.

44. محمد تقوی و مهدی سهرابی، رشد پایدار و تولید انبوه کریستال دزیمتر LiF:Mg,Ti و ساخت کارت های دزیمتری فردی ترمولومینسانس جهت خدمات کشوری و صادرات، کارشناسی ارشد، رشته علوم هسته ای دانشگاه صنعتی امیرکبیر، 1371.
45. فرشته حاج اسماعیل بیگی و مهدی سهرابی، "مطالعه و تولید دزیمترهای ترمولومینسانس با استفاده از سولفات کلسیم طبیعی ایران برای دزیمتری پرتوها"، کارشناسی ارشد، رشته فیزیک، دانشگاه صنعتی امیرکبیر 1371.
46. فرشته صافی و مهدی سهرابی، "رشد کریستال LiF:Mg,Ti و بررسی پارامترهای دزیمتریک آن جهت خدمات دزیمتری"، کارشناسی ارشد، رشته فیزیک. دانشگاه صنعتی امیرکبیر 1374.
47. بردیا حاجی زاده و مهدی سهرابی، کنترل کیفی در پرتو درمانی در ایران، کارشناسی ارشد، رشته مهندسی پرتوپزشکی. دانشگاه صنعتی امیرکبیر، 1375.
48. سعید حسینی تودشکی و مهدی سهرابی، "کنترل کیفی در رادیوگرافی دندان در ایران"، کارشناسی ارشد، رشته مهندسی پرتوپزشکی. دانشگاه صنعتی امیرکبیر 1375.
49. حسین زمانی زینلی و مهدی سهرابی، "کنترل کیفی در پزشکی هسته ای در ایران"، کارشناسی ارشد، رشته مهندسی پرتوپزشکی. دانشگاه صنعتی امیرکبیر، 1375.
50. علی مستوفی زاده و مهدی سهرابی، "سنجش درآلودگی نوترونی ناشی از یک شتابدهنده پزشکی پرتو X ساز با انرژی بالا در ایران"، کارشناسی ارشد، مهندسی پرتوپزشکی. دانشگاه صنعتی امیرکبیر، 1375.
51. جلیل روزی طلب و مهدی سهرابی، "تعیین پرتوگیری مردم از پرتوهای گامای محیطی ایران"، کارشناسی ارشد، مهندسی پرتوپزشکی، دانشگاه صنعتی امیرکبیر 1375.
52. مهدی حسینی پویا و مهدی سهرابی، "تولید دزیمترهای حساس ترمولومینسانس LiF:Mg,Cu,P جهت خدمات دزیمتری"، کارشناسی ارشد، رشته مهندسی هسته ای- پرتوپزشکی، دانشگاه صنعتی امیرکبیر 1376.
53. عبدالرضا اسماعیلی و مهدی سهرابی، "تعیین پرتوگیری مردم رامسر از منابع طبیعی"، کارشناسی ارشد، رشته مهندسی هسته ای- پرتوپزشکی، دانشگاه صنعتی امیرکبیر 1377.
54. علیرضا کمالی شروذانی و مهدی سهرابی، "ارائه روش کالیبراسیون دزیمترهای نوترونی با استفاده از چشمه های رادیو ایزوتوپی در بازه های انرژی محدود"، کارشناسی ارشد، رشته مهندسی هسته ای- پرتوپزشکی، دانشگاه صنعتی امیرکبیر، 1377.

55. مژگان باباپوران و مهدی سهرابی، "تعیین دز موثر مردم رامسر از استنشاق گاز ران 222، کارشناسی ارشد، رشته مهندسی هسته ای- پرتوپزشکی. دانشگاه صنعتی امیرکبیر، 1378.
56. مریم سادات قاسمی و مهدی سهرابی، "بررسی و ارزیابی در دریافتی مردم در نتیجه ی وقوع حوادث احتمالی در نیروگاه های هسته ای (بوشهر)"، کارشناسی ارشد، دانشگاه صنعتی امیرکبیر، رشته مهندسی هسته ای. 1378.
57. زینب رسوزی آزاد شریبانی و مهدی سهرابی، "ارزیابی دز دریافتی ساکنان اطراف نیروگاه در زمان عملکرد عادی نیروگاه اتمی بوشهر"، کارشناسی ارشد، رشته مهندسی هسته ای- راکتور دانشگاه صنعتی امیرکبیر، 1388.
58. غلامحسین روشنی و مهدی سهرابی، "آشکارسازی یون ها در پلاسمای کانونی با آشکارسازی خورشی الکتروشمی حالت جامد"، کارشناسی ارشد، رشته مهندسی هسته ای- گداخت دانشگاه صنعتی امیرکبیر. 1391
59. وحید رضانی و مهدی سهرابی، "آشکارسازی یون های هلیم در دستگاه پلاسمای کانونی با آشکارساز خورشی الکتروشمیایی حالت جامد"، کارشناسی ارشد، رشته مهندسی هسته ای- گداخت، دانشگاه صنعتی امیرکبیر. 1391.
60. فاطمه خدادادی و مهدی سهرابی، "اندازه گیری $Rn-222$ و $Ra-226$ در آب با آشکارسازی ردپای ذرات در آشکارسازهای خورشی حالت جامد"، کارشناسی ارشد، رشته مهندسی هسته ای، دانشگاه صنعتی امیرکبیر. 1392.
61. فرشته ساحلی و مهدی سهرابی، "تولید آشکارساز سوسوزن سولفید روی (فعال شده) برای کاربردهای گوناگون"، کارشناسی ارشد، رشته مهندسی هسته ای- پرتوپزشکی دانشگاه صنعتی امیرکبیر. 1393.
62. محدثه قربانزاده و مهدی سهرابی، "تخمین دز جنین در پرتوگیری مادرباردار در معاینات توموگرافی کامپیوتری (CT) به روش مونت کارلو"، کارشناسی ارشد، رشته مهندسی هسته ای- پرتوپزشکی دانشگاه صنعتی امیرکبیر. 1393.
63. آرمین مسیبی عمیدآبادی و مهدی سهرابی، "طراحی و ساخت دستگاه اندازه گیر امواج میکروویو در باند فرکانسی ماکروفر (2450 مگاهرتز)"، کارشناسی ارشد، رشته مهندسی هسته ای- کاربردپرتوها، دانشگاه صنعتی امیرکبیر. 1394.

64. معصومه سالاروندیان و مهدی سهرابی، "طراحی و ساخت دستگاه اندازه گیری امواج ماکروویو در فرکانس کاری GSM"، کارشناسی ارشد، رشته مهندسی هسته ای- کاربرد پرتوها، دانشگاه صنعتی امیرکبیر. 1394.
65. عارفه زرین شاد و مهدی سهرابی، "پخش یون های هلیوم دستگاه پلاسمای کانونی با خورش الکتروشیمی آشکارساز پلی کربنات"، کارشناسی ارشد، رشته مهندسی هسته ای-گداخت. دانشگاه صنعتی امیرکبیر، 1394.
66. وحید خوش مرام و مهدی سهرابی، "آشکارسازی و توزیع فضایی یون های هلیوم در پلاسمای کانونی با آشکارسازهای ردپای هسته ای حالت جامد"، کارشناسی ارشد، رشته مهندسی هسته ای، دانشگاه صنعتی امیرکبیر. 1394.
67. نیناس ازور و مهدی سهرابی، "اندازه گیری پخش دز فوتونوترون داخل میدان های پرتو X با انرژی بالای شتاب دهنده های خطی پزشکی ایران"، کارشناسی ارشد، رشته مهندسی هسته ای- کاربرد پرتوها، دانشگاه صنعتی امیرکبیر. 1394.
68. ساحل ربیعی و مهدی سهرابی، "ارتقاء درک مکانیسم خورش الکتروشیمی بویژه روش گرمادهی داخلی و ساخت سیستم های خورشی"، کارشناسی ارشد، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر. 1395.
69. سهیلا میرچولی و مهدی سهرابی، "ارتقاء روش جدید سیستم دوفازی برای اندازه گیری رادیوم 226 در آب بهویژه در چشمه های آبگرم رامسر"، کارشناسی ارشد، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر. 1395.
70. امیرکميجانی و مهدی سهرابی، "طراحی و ساخت نمونه الکتترت و کاربرد آن در دزیمتری پرتوها"، کارشناسی ارشد، رشته مهندسی هسته ای- کاربرد پرتوها، دانشگاه صنعتی امیرکبیر، 1395.
71. سیدرضا مرتضوی و مهدی سهرابی، "ارتقاء حساسیت دزیمتر فردی آلدونوترون سهرابی_نوترایران"، کارشناسی ارشد، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر، 1395.
72. زینب سرلک، مهدی سهرابی و مرتضی حبیبی. "بررسی هندسه آند در تغییرات شارش و توزیع یون های نئون در دستگاه پلاسمای کانونی با استفاده از آشکارساز ردپای هسته ای در پلی کربنات"، کارشناسی ارشد، رشته مهندسی هسته ای- گداخت، دانشگاه صنعتی امیرکبیر 1394.

73. فاطمه ابراهیمی نژاد و مهدی سهرابی، "طراحی و ساخت دزیمر گاز رادن در هوا"، کارشناسی ارشد، دانشگاه صنعتی امیرکبیر، رشته مهندسی هسته ای- فیزیک بهداشت 1395.
74. محسن قربانی نهوجی و مهدی سهرابی، "طراحی و ساخت دزیمر یونساز الکتروت با دستگاه مولد کرونا ساخت آزمایشگاه فیزیک بهداشت"، کارشناسی ارشد، دانشگاه صنعتی امیرکبیر، رشته مهندسی هسته ای- فیزیک بهداشت 1396.
75. عاطفه لطف آبادی و مهدی سهرابی، "روش نوین اندازه گیری ^{226}Ra در آب با آشکارساز پلی کربنات و فابریک کربن فعال"، کارشناسی ارشد، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 1397.
76. سید ایمان جمال آبادی و مهدی سهرابی، "طراحی و اجرای یک سیستم پردازشگر خودکار ردپای هسته ای نوین آشکارسازهای پلیمری خورش الکتروشمیایی شده"، کارشناسی ارشد، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 1396.
77. زهرا قاسمی و مهدی سهرابی، "ارتقا سطح ثبت شار بالای یون ها در آشکارساز پلی کربنات"، کارشناسی ارشد، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر، 1397.
78. طبیب پور دیزجی، نگاروسهرابی، مهدی: ساخت و طراحی دستگاه نوین تولید الکتروت به روش کرونا. رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 2020.
79. درخشانی، آرش سهرابی، مهدی؛ حسینی پناه، میر شهرام.. بررسی و آنالیز وضعیت حفاظت و ایمنی در برابر اشعه لیزرکشور. رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 2020.
80. ابراهیم زاده ترکمانی، سهرابی، مهدی؛ توکونامی، شین چی؛ ندائی، حسن علی: دزیمری فوتونوترون ها در اعضاء بدن ناشی از پرتوهای X انرژی بالا در شتابدهنده های خطی پزشکی، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 2020.
81. محمد، خجسته وسهرابی، مهدی. ارتقا پاسخ انرژی آشکارساز پلی کربنات خورش الکتروشمی شده به ذرات آلفا به ویژه از گاز رادن با دستگاه خورش الکتروشمی نوین، رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 2021.
82. مرتضی افشارناردی وسهرابی، مهدی؛ طراحی و ساخت دستگاه رادون سنج فعال با آشکارساز اتاقت یونساز نفوذی گازرادون رشته مهندسی هسته ای- فیزیک بهداشت، دانشگاه صنعتی امیرکبیر 2022.(دردست اجرا).

83. امیر قره حسنلو و سهرابی، مهدی؛ ارتقا شیوه های نوین مونیتورینگ گاز رادن پرتو کاران در محیط کار و زیست، رشته مهندسی هسته ای-کاربرد پرتوها، دانشگاه صنعتی امیرکبیر 2022. (در دست اجرا).
84. مینا ملاجان و سهرابی، مهدی؛ ارتقاء کاربرد هنر یونولوژی برای یونولوژی هنر با استفاده از یون هایی مانند ذرات آلفا رشته مهندسی هسته ای-کاربرد پرتوها، دانشگاه صنعتی امیرکبیر 2022 (در دست اجرا)
85. مریم مالکی تکبلاغ و سهرابی، مهدی: نوترون دزیمتری میدان فتو نوترونی شتابدهنده پزشکی با دزیمتر/اسپکترومتر مینیاتور نوترون نوین سهرابی رشته مهندسی هسته ای-کاربرد پرتوها، دانشگاه صنعتی امیرکبیر 2022 (در دست اجرا)
86. حسین ملکی و سهرابی، مهدی: اسپکترومتری نوترون با اسپکترومتر نوترون کره ای نوین چند جهته سهرابی رشته مهندسی هسته ای-کاربرد پرتوها، دانشگاه صنعتی امیرکبیر 2022 (در دست اجرا)

ج. استاد راهنمای پایان نامه های کارشناسی (15 B.Sc. These).

1. سوسن انوری و مهدی سهرابی، "بررسی دزیمترهای پسیو گاز رادن ساخت امور حفاظت در برابر اشعه سازمان انرژی اتمی ایران"، رشته فیزیک، دانشگاه شهید بهشتی (1365).
2. مژگان تیمسار و مهدی سهرابی، "بررسی آشکارساز سنتیلاسیون در شمارنده تمام بدن"، رشته فیزیک، دانشگاه شهید بهشتی (1365).
3. حلیمه خاتون پورین محمد و مهدی سهرابی، "بررسی مواد پرتوزای موجود در بدن با شمارنده تمام بدن"، رشته فیزیک، دانشگاه شهید بهشتی (1365).
4. مصطفی غفوری و مهدی سهرابی، "طراحی و ساخت یک سیستم پرتو دهی جهت کالیبره کردن مونیتورهای پرتوسنج"، رشته فیزیک، دانشگاه شهید بهشتی (1366).
5. جمال محمدزاده و مهدی سهرابی، "اثرات پرتوی سانحه هسته ای چرنوبیل"، رشته فیزیک، دانشگاه صنعتی امیرکبیر (1370).
6. مسعود کلاهدوز اصفهانی، "اثرات بیولوژیکی سانحه هسته ای چرنوبیل"، رشته فیزیک، دانشگاه صنعتی امیرکبیر (1371).
7. ملکشاه حقیقی و مهدی سهرابی، "راه اندازی روش کوزنتز اصلاح شده جهت اندازه گیری غلظت گاز رادن"، رشته فیزیک، رشته فیزیک، دانشگاه صنعتی امیرکبیر (1372).
8. منوچهر اقبال و مهدی سهرابی، "طراحی، ساخت و راه اندازی روش دوفیلتری در ایران جهت اندازه گیری رادن-222"، رشته فیزیک، دانشگاه صنعتی امیرکبیر (1373).

9. سینا شیرین زاد و مهدی سهرابی، آبکاری اورانیوم تا تولید چشمه های اورانیوم، 1390. کارشناسی فیزیک، دانشگاه صنعتی امیرکبیر (1373).
10. جمال محمدزاده و مهدی سهرابی، اثرات پرتوی سانحه هسته ای چرنوبیل، 1370، کارشناسی فیزیک، دانشگاه صنعتی امیرکبیر،
11. مسعود کلاهدوز اصفهانی و مهدی سهرابی، "اثرات بیولوژیکی سانحه هسته ای چرنوبیل"، 1371، کارشناسی فیزیک، دانشگاه صنعتی امیرکبیر،
12. حقیق ملکشاه و مهدی سهرابی، "راه اندازی روش کوزنتز اصلاح شده جهت اندازه گیری غلظت گاز رادن – "222، 1372، کارشناسی فیزیک، دانشگاه صنعتی امیرکبیر،
13. منوچهر اقبال و مهدی سهرابی، "طراحی، ساخت و راه اندازی روش دو فیلتری درایران جهت اندازه گیری رادن – "222، 1372، کارشناسی فیزیک، دانشگاه صنعتی امیرکبیر،
14. علی فیض و مهدی سهرابی، "بررسی نظریه فرایند استاندارد آموزش و آموزش استاندارد (4 الف)"، 1389، کارشناسی فیزیک، دانشگاه صنعتی امیرکبیر.

د. استاد راهنمای پروژ دبیرستانی جهت المپیاد

1. لیلا ارجمند، "دزیمتر گاز رادن در منازل مسکونی"، دانش آموز دبیرستان تیزهوشان حضرت زینب (ع)، شهر ری (حدود 1372). برنده جایزه خوارزمی، پژوهشگر جوان و غیره و بعدا دانشجوی هنرهای زیبا-دانشگاه تهران.

14. International Atomic Energy Agency;

Over 50 years of scientific and technical cooperation since 1967 with the International Atomic Energy Agency such as:

- Coordinator (local) of IAEA Inter-regional Training Event on “Handling of Radiation Accidents”, Participant and National Coordinator, Tehran University Nuclear Center, Tehran, Iran, 1968.
- IAEA Research Fellow, Health Physics Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee, 1970-1972.
- IAEA Counterpart of National Projects, National Radiation Protection Department, Tehran, Iran.
- An IAEA International Expert with over 150 missions to over 40 countries (since 1992) as well as Missions up to 1992 as national counterpart, conference and meeting participant, etc. are not included in the table below since data was not available to me).
- National Scientific Attaché to IAEA for several years (1990-2000).
- At IAEA Headquarters in Vienna from 1999–2009 in positions such as Regional Manager on Radiation Protection Infrastructure in the Asia and the Pacific Region with missions to

large number of IAEA Member States (as said above and some listed below), Technical Officer, International Expert, Training Expert and Consultant, etc.

- For implementation of the International Basic Safety Standards for Radiation Protection and Safety of Radiation Sources in particular through the International Model Projects on Radiation Protection Infrastructure, over 150 International Expert missions, 137 of which are listed below including Afghanistan (1), Albania (1), Austria (10), Armenia (1), Belgium (1), Belize (2), Bosnia and Herzegovina (1), Croatia (1), Czech Republic (1), Egypt (2), Iran (10), Japan (1), Jordan (7), Hungary (1), Kazakhstan (4), Kyrgyzstan (1), Kuwait (8), Indonesia (1), Lebanon (3), Libya (1), Lithuania (3), Malaysia (3), Moldova (1), Mongolia (1), Morocco (1), Myanmar (3), Portugal (1), Qatar (4), Saudi Arabia (3), Singapore (1), Sri Lanka (3), Syria (10), South Africa (3), Tajikistan (11), Thailand (2), Turkey (1), United Arab Emirates (12), Uzbekistan (4), Vietnam (3), Yemen (6), etc.

:

No.	Position	IAEA Project No.	Host Country/ Institution	Duties/Task To be performed	From	To	No. of Days
1	International Expert	TAD9004 02	Dushanbe, Tajikistan	Advisory Mission to review the Tajikistan national regulatory infrastructure for radiation safety	2013-11-11	2013-11-15	7 days
2	International Expert	RAF9043	Egypt, Cairo	Regional Meeting on Workplace Monitoring	2013-09-09	2013-09-14	7 days
	International Expert	TAD0003	Dushanbe, Tajikistan	Strengthening the Infrastructure of the Regulatory Authority and its Technical Support Organization (TSO) Task 01 Assess the status of NRSA and its TSO in general and regarding the status of its radiation safety training capacities	2013-03-28	2013-03-29	4 days
3	International Expert	TAD0003	Dushanbe, Tajikistan	Establishing a National Educational and Training Centre on Radiation Protection Task 11 To support national counterpart in developing and delivering courses in radiation safety	2012-11-05	2012-11-16	7 days
4	International Expert	RAS9056	Kuwait, Kuwait	Regional Meeting on Lessons Learned in Protection of the Public and	2011-11-27	2011-12-01	7 days

				Environment from Radiation Practices			
5	International Expert	TAD0003	Dushanbe, Tajikistan	Establishing a National Educational and Training Centre on Radiation Protection Task 07 Upgrade the radiation protection program and Review of the project achievements	2011-06-06	2011-06-17	14 days
6	International Expert	TAD0003	Dushanbe, Tajikistan	Establishing a National Educational and Training Centre on Radiation Protection; Task 05 To support national counterpart in developing a train-the-trainers course in radiation safety	2010-06-28	2010-07-02	7 days
7	International Expert	RAS9053	Doha, Qatar	2nd RC and Planning Meeting on Development of Technical Capabilities for the Protection of Health and Safety of Workers	2010-05-31	2010-06-03	7 days
8	International Expert	TAD0003	Dushanbe, Tajikistan	Establishing a National Educational and Training Centre on Radiation Protection Task 04 Development of regulatory document and national strategy on education and training	2010-03-09	2010-03-19	14 days
9	International Expert	RLA9064	Belmopan, Belize	Strengthening National Regulatory Infrastructures for the Control of Radiation Sources (TSA1); Task 13 To support and trained the Interim regulatory body in Belize	2010-01-18	2010-02-12	One Month
10	International Expert	RAS9053	Tehran, Iran, Islamic Republic of	To provide expert advise on occupational radiation protection techniques, focusing on workplace monitoring	2010-02-20	2010-02-24	7 days
11	International Expert	RAF9043	Rabat, Morocco	Regional Coordination Meeting (RCM) on Medical Exposure	2009-07-06	2009-07-10	7 days

12	International Expert	RAS9054	Amman, Jordan	Regional coordination meeting on Strengthening national regulatory infrastructure for the control of radiation sources	2009-12-13	2009-12-17	7 days
13	International Expert	RAS9057	Kuala Lumpur, Malaysia	RCM for Strengthening National and Regional Capabilities for Response to Radiological & Nuclear Emergencies.	2009-04-13	2009-04-17	7 days
14	International Expert	RLA9064	Belmopan, Belize	Strengthening National Regulatory Infrastructures for the Control of Radiation Sources (TSA1) Task 11 Fact finding mission on Regulatory Infrastructure	2009-10-15	2009-10-23	10 days
15	International Expert	TAD0003	Dushanbe, Tajikistan	Establishing a National Educational and Training Centre on Radiation Protection; Task 02 Assess national training needs and adjust project work plan	2009-09-15	2009-09-17	5 days
16	International Expert	RAS9049	Singapore, Singapore	Regional Coordination Meeting for the Establishment of Emergency Preparedness and Response Capabilities	2007-07-23	2007-07-27	7 days
17	International Expert	RAS9046	Ulaanbaatar, Mongolia	Regional Coordination Meeting on Occupational Exposure Control	2007-05-28	2007-06-01	7 days
18	International Expert	RAS9047	Amman, Jordan	Regional Coordination Meeting on Medical Exposure Control	2007-04-22	2007-04-26	7 days
19	International Expert	RAS9048	Myanmar Yangon	Regional Coordination Meeting on Public Exposure Control	2007-03-05	2007-03-09	7 days
20	International Expert	RAS0049	Vienna, Austria	General Atomic Energy Development	2007-10-08	2007-10-19	14 days
21	International Expert	RAS3009	Jakarta, Indonesia	Regional Coordination Meeting on Radioactive Waste Management Infrastructure	2007-03-26	2007-03-30	7 days
22	International Expert	RAS9037	Sana'a, Yemen	Education and Training in Support of Radiation Protection Infrastructure; RTC on Management Systems for Occupational Radiation Exposure Control	2006-01-29	2006-02-02	7 days
23	International Expert	RAS9039	United Arab Emirates	Strengthening National Regulatory Framework for	2006-03-18	2006-03-22	7 days

				Control of Radiation Sources and Occupational Exposure			
24	International Expert	RAS9033	Bangkok, Thailand	RCM f. Developing Technical Capabilities f. the Protection of Health and Safety of Workers Exposed to Ionizing Radiation	2006-02-13	2006-02-17	7 days
25	International Expert	RAS9039	Sanaa, Yemen	Strengthening National Regulatory Framework for Control of Radiation Sources and Occupational Exposure	2006-01-29	2006-02-02	7 days
26	International Expert	RAS9040	DOHA, Qatar	Project monitoring mission, preparation and endorsement of workplans for the 3 new regional radiation protection infrastructure projects for 2005-2006 (RAS/9/039, RAS/9/040, RAS/9/041)			7 days
27	International Expert	RAS9040	Kuwait, Kuwait	Monitoring mission and assist in the RTC on RP in Diagnostic Radiology to enhance implementation of the National Pilot Project in the participating countries.	2006-11-11	2006-11-16	7 days
28	International Expert	INT0080	IAEA, Vienna,	Project Design	2006-06-19	2006-06-30	14 days
29	International Expert	INT0080	IAEA, Vienna,	Project Design	2006-07-03	2006-07-14	14 days
30	International Expert	RAS0036	Kabul, Afghanistan	Country Program Review Mission	2006-04-08	2006-04-13	7 days
31	International Expert	RAS9039	Riyadh, Saudi Arabia	Strengthening National Regulatory Framework for Control of Radiation Sources and Occupational Exposure	2005-11-19	2005-11-23	7 days
32	International Expert	RAS9039	Riyadh, Saudi Arabia	Strengthening National Regulatory Framework for Control of Radiation Sources and Occupational Exposure	2005-11-19	2005-11-23	7 days
33	International Expert	RAS9040	Tehran, Iran	Project monitoring mission, preparation and endorsement of workplans for new regional	2005-04-30	2005-05-04	7 days

				radiation infrastructure projects			
34	International Expert	RAS9040	Qadeseey, Kuwait	Project monitoring mission and attendance at the RTC on RP in Diagnostic Radiology	2005-09-16	2005-09-20	7 days
35	International Expert	RAS9040	Damascus, Syrian Arab Republic	Project monitoring mission, preparation & endorsement of the workplans	2005-11-06	2005-11-10	7 days
36	International Expert	RAS9040	Dubai, United Arab Emirates	Coordination Meeting for Strengthening Radiological Protection of Patients and Medical Exposure Control	2005-07-16	2005-07-20	7 days
37	International Expert	RAS9035	Hanoi, Vietnam	Coordination Meeting for Establishing National Capabilities for Response to Radiological and Nuclear Emergency	2005-06-05	2005-06-10	7 days
38	International Expert	RAS9039	Vienna, Austria	Regulatory Infrastructure for Nuclear Safety; Strengthening National Regulatory Framework for Control of Radiation Sources and Occupational Exposure	2005-01-01	2006-04-30	16 Months
39	International Expert	RAS9039	Beirut, Lebanon	Regulatory Infrastructure for Nuclear Safety	2005-01-24	2005-01-28	7 days
40	International Expert	RAS9039	Sanaa, Yemen	Strengthening National Regulatory Framework for Control of Radiation Sources and Occupational Exposure	2005-02-12	2005-02-16	7 days
41	International Expert	RAS9039	Amman, Jordan	Strengthening National Regulatory Framework for Control of Radiation Sources and Occupational Exposure	2005-03-13	2005-03-17	7 days
42	International Expert	RAW9009	Kuwait, Kuwait	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure TRC Num 16 - Radiation Protection and Safety in Diagnostic and Interventional Radiology	2004-10-09	2004-10-13	7 days
43	International Expert	RAW9008	Vilnius, Lithuania	National Regulatory Control and Occupational Radiation Protection Program TRC Num 18 - Regulators on Authorization and Inspection of Radiation Sources	2004-11-01	2004-11-03	5 days

44	International Expert	RAW9008	Kazakhstan	National Regulatory Control and Occupational Radiation Protection Program TRC Num 17 - Regional Training Workshop on Radiation Protection Level Calibrations	2004-09-27	2004-10-01	7 days
45	International Expert	RAW9008	Kazakhstan	National Regulatory Control and Occupational Radiation Protection Program TRC Num 16 - Radiotherapy Level Calibrations	2004-09-27	2004-10-01	7 days
46	International Expert	RAW9008	Belgium	National Regulatory Control and Occupational Radiation Protection Program TRC Num 11 - Regional Training Course on the Safe Transport of Radioactive Material	2004-06-28	2004-06-30	5 days
47	International Expert	RAW9009	Kuwait, Kuwait	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2004-10-09	2004-10-14	7 days
48	International Expert	RAW9009	Damascus, Syrian Arab Republic	Regional Co-ordination Meeting on Implementation of the Model Projects RAW/9/008 and RAW/9/009	2004-11-26	2004-12-01	7 days
49	International Expert	RAW9008	Amman, Jordan	National Regulatory Control and Occupational Radiation Protection Program	2004-01-11	2004-01-15	7 days
50	International Expert	RAW9008	Damascus, Syrian Arab Republic	National Regulatory Control and Occupational Radiation Protection Program	2004-01-18	2004-01-22	7 days
51	International Expert	RAW9008	Doha, Qatar	National Regulatory Control and Occupational Radiation Protection Program	2004-02-07	2004-02-11	7 days
52	International Expert	RAW9008	Dubai, United Arab Emirates	National Regulatory Control and Occupational Radiation Protection Program	2004-02-14	2004-02-18	7 days
53	International Expert	RAW9008	Dushanbe, Tajikistan	National Regulatory Control and Occupational Radiation Protection Program	2004-03-15	2004-03-19	7 days
54	International Expert	RAW9008	Tehran, Islamic Republic of	National Regulatory Control and Occupational Radiation Protection Program			7 days

55	International Expert	RAW9008	Riyadh, Saudi Arabia	National Regulatory Control and Occupational Radiation Protection Program	2004-04-24	2004-05-03	7 days
56	International Expert	RAW9008	Tashkent , Uzbekistan	National Regulatory Control and Occupational Radiation Protection Program	2004-05-28	2004-06-02	7 days
57	International Expert	RAW9008	Vilnius, Lithuania	National Regulatory Control and Occupational Radiation Protection Program	2004-06-07	2004-06-08	2 days
58	International Expert	RAW9008	Mol, Belgium	National Regulatory Control and Occupational Radiation Protection Program	2004-06-25	2004-06-29	7 days
59	International Expert	RAW9008	Bishkek, Kyrgyzstan	National Regulatory Control and Occupational Radiation Protection Program	2004-08-16	2004-08-20	7 days
60	International Expert	RAW9008	Vilnius, Lithuania	National Regulatory Control and Occupational Radiation Protection Programs	2004-11-01	2004-11-02	2 days
61	International Expert/ Regional Manager	RAW9009	Vienna, Austria	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-11-12	2004-12-31	14 Months
62	International Expert	RAW9009	Dubai, United Arab Emirates	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-01-25	2003-01-29	7 days
63	International Expert	RAW9009	Sanaa, Yemen	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-03-01	2003-03-05	7 days
64	International Expert	RAW9009	Prague, Czech Republic	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-03-17	2003-03-19	5 days
65	International Expert	RAW9009	Doha, Qatar	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-04-19	2003-04-23	7 days
66	International Expert	RAW9009	Tehran, Iran, Islamic Republic of	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-05-03	2003-05-07	7 days
67	International Expert	RAW9009	Tashkent, Uzbekistan	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-06-16	2003-06-20	7 days
68	International Expert	RAW9009	Abu Dhabi, United Arab Emirates	Regional Coordinators' Meeting (UAE); Development of Technical Capabilities for Sustainable Radiation and Waste Safety	2003-05-30	2003-06-04	7 days

				Infrastructure			
69	International Expert	RAW9008	Dushanbe, Tajikistan	National Regulatory Control and Occupational Radiation Protection Program	2003-03-24	2003-03-29	7 days
70	International Expert	RAW9008	Kuwait, Kuwait	National Regulatory Control and Occupational Radiation Protection Programs	2003-07-13	2003-07-17	7 days
71	International Expert	RAW9009	Tehran, Iran	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2003-10-11	2003-10-22	14 days
72	International Expert	RAW9009	Kuwait, Kuwait	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure TRC Num 8 - Radiation Protection in Diagnostic and Interventional Radiology	2003-10-04	2003-10-15	14 days
73	International Expert	RAW9009	Amman, Jordan	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure TRC Num 7 - Radiation Protection and Safety in Radiotherapy	2003-07-19	2003-07-21	5 days
74	International Expert	RAW9008	Iran, Islamic Republic of	National Regulatory Control and Occupational Radiation Protection Programs TRC Num 10 - Authorization and Inspection of Radiation Sources in Diagnostic Radiology	2003-11-29	2003-12-25	7 days
75	International Expert	RAW9008	Amman, Jordan	National Regulatory Control and Occupational Radiation Protection Program	2003-01-04	2003-01-08	7 days
76	International Expert	RAW9008	United Arab Emirates	National Regulatory Control and Occupational Radiation Protection Program TRC Num 5 - Regulatory Authorization and Control of Medical Practices	2002-08-23	2002-08-25	5 days
77	International Expert	RAW9008	Tehran, Iran	National Regulatory Control and Occupational Radiation Protection Programs TRC Num 4 - Assessment of Occupational Exposure due to Intakes of Radionuclides	2002-10-10	2002-10-16	7days
78	International Expert	RAW9009	Kuwait, Kuwait	RAW9009 Development of Technical Capabilities for Sustainable Radiation and Waste Safety	2002-09-28	2002-10-09	14 days

				Infrastructure TRC Num 5 - Radiation Protection and Safety in Diagnostic and Interventional Radiology			
79	International Expert	RAW9008	Amman, Jordan	National Regulatory Control and Occupational Radiation Protection Programs	2002- 01-13	2002- 01-17	7 days
80	International Expert	RAW9008	Sana'a, Yemen	National Regulatory Control and Occupational Radiation Protection Program			7 days
81	International Expert	RAW9008	Dubai, United Arab Emirates	National Regulatory Control and Occupational Radiation Protection Programs	2002- 02-09	2002- 02-13	7 days
82	International Expert	RAW9008	Kuwait, Kuwait	National Regulatory Control and Occupational Radiation Protection Programs	2002- 03-10	2002- 03-20	14 days
83	International Expert	RAW9008	Beirut, Lebanon	National Regulatory Control and Occupational Radiation Protection Program	2002- 05-07	2002- 05-11	7 days
84	International Expert	RAW9008	Dushanbe ,Tajikistan Uzbekistan Tashkent	National Regulatory Control and Occupational Radiation Protection Programmes	2002- 06-10	2002- 06-14	7 days
85	International Expert	RAW9008	Tashkent , Uzbekistan	National Regulatory Control and Occupational Radiation Protection Programmes	2002- 06-17	2002- 06-21	7 days
86	International Expert	RAW9008	Tehran, Iran	National Regulatory Control and Occupational Radiation Protection Programmes	2002- 07-27	2002- 07-31	7 days
87	International Expert	RAW9008	Almaty, Kazakhstan	National Regulatory Control and Occupational Radiation Protection Programmes	2002- 11-11	2002- 11-15	7 days
88	International Expert	RAW9008	Syrian Arab Republic Damascus	National Regulatory Control and Occupational Radiation Protection Programmes	2002- 11-24	2002- 11-28	7 days
89	International Expert	RAW9008	Dushanbe, Tajikistan	National Regulatory Control and Occupational Radiation Protection Programmes	2002- 12-09	2002- 12-13	7 days
90	International Expert	RAW6010	Tehran, Iran, Islamic Republic of	Integration of Nuclear Medicine Into the National Healthcare System TRC Num 3 - Nuclear Cardiology and Oncology for Nuclear Medicine Technologists	2002- 05-11	2002- 05-15	7 days
91	International Expert	RAF9028	Johannes- burg, South Africa	Post-Graduate Training in Radiation and Waste Safety,	2001- 07-30	2001- 11-30	7 days

				University of the Witwatersrand;			
92	International Expert	RAS9018	TOKAI, Japan	Harmonization of Radiation Protection (RCA) TRC Num 28 - RWS on Liquid Discharge	2001-10-22	2001-10-26	7 days
93	International Expert	VIE9008	Dalat, Vietnam	Establishment of a National Radiation Safety Training Centre	2001-05-27	2001-05-29	5 days
94	International Expert/ Regional Manager	RAW9009	Vienna, Austria	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2001-11-12	2003-11-11	2 years
95	International Expert	RAW9008	Damascus, Syrian Arab Republic	National Regulatory Control and Occupational Radiation Protection Programmes	2001-11-18	2001-11-22	7 days
96	International Expert	RAS9021	Kuala Lumpur, Malaysia	Regulatory Infrastructure for Radiation and Waste Safety	2001-08-06	2001-08-10	7 days
97	International Expert	RAS9026	Hanoi, Vietnam	Nuclear and Radiation Safety and Nuclear Security	2001-05-21	2001-05-26	9 days
98	International Expert	RAW9009	Almaty, Kazakhstan	Development of Technical Capabilities for Sustainable Radiation and Waste Safety Infrastructure	2001-12-10	2001-12-14	7 days
99	International Expert	RAF9029	Egypt, Cairo	Regulatory Infrastructure for Radiation and Waste Safety	2001-04-07	2001-04-11	7 days
100	International Expert	RER9062	Zagreb, Croatia	National Regulatory Control and Occupational Radiation Protection Programmes	2001-02-12	2001-02-14	5 days
101	International Expert	RER9062	Istanbul, Turkey	National Regulatory Control and Occupational Radiation Protection Programmes	2001-02-22	2001-02-23	4 days
102	International Expert	RER9062	Lisbon, Portugal	National Regulatory Control and Occupational Radiation Protection Programmes	2001-03-27	2001-03-28	4 days
103	International Expert	RAF9026	Johannesburg, South Africa	Post-Graduate Training in Radiation and Waste Safety, University of the Witwatersrand;	2000-07-16	2000-07-18	7 days
104	International Expert	RAF9026	Johannesburg, South Africa	Post-Graduate Training in Radiation and Waste Safety, University of the Witwatersrand;	2000-11-15	2000-11-17	7 days
105	International Expert	RER9056	SARAJEVO, Bosnia and Herzegovina	Upgrading Radiation Protection Infrastructure; Task 28 PUBLIC EXPOSURE CONTROL (BOH)	1999-09-30	1999-10-04	7 days

106	International Expert	RER9056	VIENNA, Austria	Upgrading Radiation Protection Infrastructure; Task 60 IDENTIFICATION OF TRAINING REQUIREMENTS (VIENNA)	1999-01-24	1999-03-27	9 weeks
107	International Expert	RLA9030	Vienna, Austria	Upgrading Radiation Protection Infrastructure; Task 18 IDENTIFICATION OF TRAINING REQUIREMENTS (AUS)	1999-04-12	1999-10-08	6 Months
108	International Expert	RER9056	VIENNA, Austria	Upgrading Radiation Protection Infrastructure	1998-12-20	1998-12-24	7 days
109	International Expert	RER9056	Tirana, Albania	Upgrading Radiation Protection Infrastructure; Task 16 PUBLIC EXPOSURE CONTROL/ EMERGENCY RESPONSE (ALB)	1998-04-05	1998-04-18	7 days
110	International Expert	RER9056	CHISINAU , Republic of Moldova	Upgrading Radiation Protection Infrastructure Task 21 CONTROL OF RADIATION EXPOSURE IN MEDICAL APPLICATIONS (MOL)	1998-02-19	1998-02-24	7 days
111	International Expert	RAS9021	Colombo, Sri Lanka	REGULATORY INFRASTRUCTURE ESTABLISHMENT	1998-02-22	1998-03-07	14 days
112	International Expert	RER9050	Vienna, Austria	Harmonization of Regional Nuclear Emergency Preparedness; Task 9001 MEETING FOR GUIDANCE ON EMERGENCY PREPAREDNESS (VIE)	1997-10-20	1997-10-25	7 days
113	International Expert	INT9143	Colombo, Sri Lanka	REGULATORY INFRASTRUCTURE ESTABLISHMENT	1997-12-14	1997-12-27	14 days
114	International Expert	INT9143	Yerevan, Armenia	OCCUPATIONAL EXPOSURE CONTROL (ARM)	1997-11-24	1997-12-01	7 days
115	International Expert	INT9143	Colombo, Sri Lanka	REGULATORY INFRASTRUCTURE ESTABLISHMENT	1997-06-14	1997-06-28	14 days
116	International Expert	RAW9003	Sana'a, Yemen	REGIONAL WORKSHOP: RADIATION AND WASTE MGMT. STRUCTURE (YEM)	1996-05-23	1996-05-27	7 days

117	International Expert	UAE9003	ABU DHABI United Arab Emirates	Radioactive Environmental and Food Contamination	1996-03-06	1996-04-05	One Month
118	International Expert	UZB9002	Tashkent, Uzbekistan	Radiation Protection and Waste Management Services Upgrading Task 04 REGULATIONS AND CONTROL OF RADIATION WORKERS	1995-02-23		7 days
119	International Expert	RAW9003	Amman, Jordan	PREPARATION OF RADIATION PROTECTION WORKPLAN & PROGRAM (JOR)	1995-05-18	1995-05-22	7 days
120	International Expert		Vietnam; Saigon & Hanoi	Advisory Team Mission on Radiation Protection	1995-10-06	1995-10-20	14 days
123	International Expert	INT9143	Vienna, Austria	PREPARATION OF A MODEL ACTION PLAN, VIENNA	1995-09-27	1995-09-30	7 days
124	International Expert	INT9143	Vienna, Austria	PREPARATION OF COUNTRY ACTION PLANS (VIENNA)	1995-10-22	1995-11-11	28 days
125	International Expert	KAZ9003	Alma Ata, Kazakstan	POLICY AND LEGISLATION	1995-03-24	1995-03-24	7 days
126	International Expert	LIB9010	Libya, Tripoli	RADIATION PROTECTION INFRASTRUCTURE	1995-05-22	1995-06-06	14 dys
127	International Expert	MYA9004	Myanmar Yangoon	RADIATION PROTECTIN REGULATIONS, PHASE 1	1995-09-02	1995-09-26	21 days
128	International Expert	UAE9003	ABU DHABI United Arab Emirates	Radioactive Environmental and Food Contamination Task 04 NATURAL RADIATION (RADON) MONITORING	1994-05-30	1994-06-11	14 days
129	International Expert		Hungry	Visit and discuss National RP Regulatory and Technical Infrastructure	1994-07-06	1994-07-11	7 days
130	International Expert		Switzerland	Visit and discuss National RP Regulatory and Technical Infrastructure	1994-07-17	1994-07-17	7 days
131	International Expert	INT9143	IAEA, Vienna, Austria	ESTABLISHMENT OF A COUNTRY PROFILE (AUS)	1994-12-10	1994-12-17	7 days
132	International Expert	RER9003	AMMAN, Jordan	WORKSHOP ON HETEROGENEOUS	1994-04-12	1994-04-21	12 days

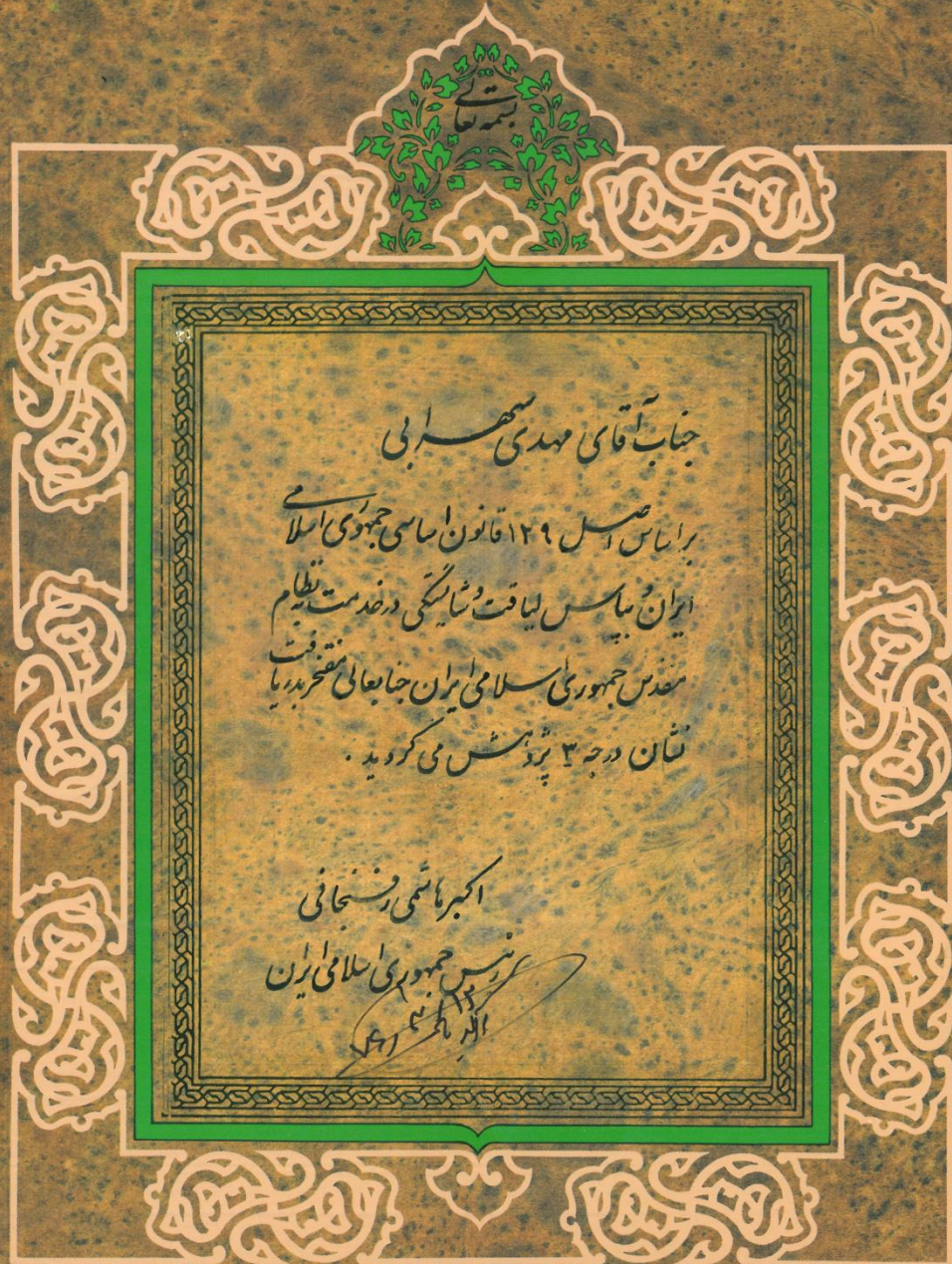
				EWERMS SOFTWARE (JOR)			
133	International Expert	RER9003	Damascus, Syrian Arab Republic	Environmental Monitoring in the Middle East; FINAL COORDINATION MEETING ON ENVIRONMENTAL MONITORING (SYR)	1995-03-09	1995-03-30	21 days
134	International Expert	RER9003	Damascus, Syrian Arab Republic	Environmental Monitoring in the Middle East; FINAL COORDINATION MEETING ON ENVIRONMENTAL MONITORING (SYR)	1994-12-09	1994-12-14	7 days
135	International Expert	UAE9002	ABU DHABI United Arab Emirates	Radiation Protection Task 03 NATURAL RADIATION MONITORING	1993	1993	7 days
136	International Expert	RER9007	United Arab Emirates	Strengthening Radiation Protection in the Middle East TRC Num 4 - REGULATORY PRACTICES FOR RADIATION SAFETY	1992-11-21	1992-12-02	14 days
137	International Expert	RER9007	ABU DHABI United Arab Emirates	Strengthening Radiation Protection in the Middle East; RTC ON REGULATORY PRACTICES FOR RADIATION SAFETY (UAE)	1992-11-19	1992-12-03	7 days

15. Some of Awards/Honors; National and International



ان هَذَا كِتَابٌ كَبِيرٌ جَاءَ وَكَانَ سَعِيدٌ كَبِيرٌ مَشْكُورٌ

بسم الله



جناب آقای مهدی مسهرابی
بر اساس اصل ۱۲۹ قانون اساسی جمهوری اسلامی
ایران بنیادس لیاقت و شایستگی در خدمت نظام
مقدس جمهوری اسلامی ایران جنابعالی مستحق دریافت
نشان درجه ۳ پرورشش می گردید .

اکبر ناشی رهنجانی
رئیس جمهوری اسلامی ایران
الله اعلم

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
أَمَّا يَخْشَى اللَّهَ مِنْ عِبَادِهِ الْعُلَمَاءُ إِنَّ اللَّهَ عَزِيزٌ غَفُورٌ (فاطر / ۲۸)

دانشمند محترم

جناب آقای دکتر مهدی سهرابی

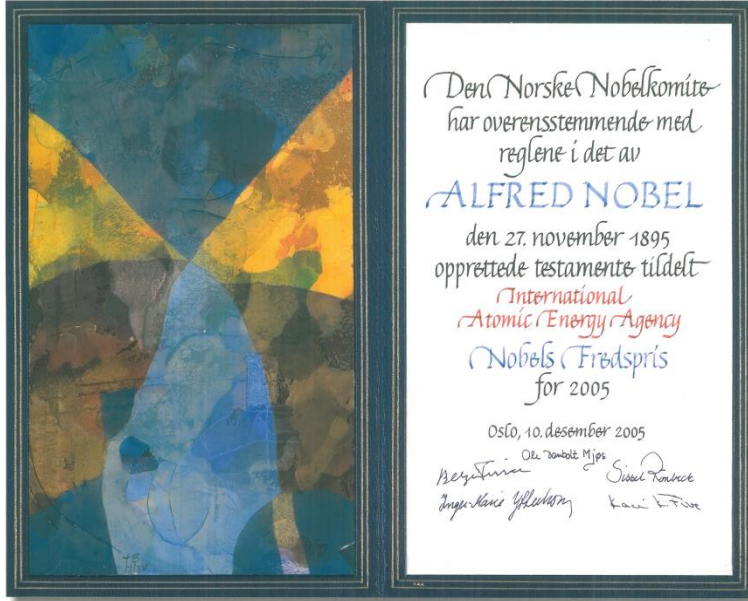
با سلام و احترام

موفقیت تحسین برانگیز جناب عالی در کسب جایزه مرحوم علامه طباطبائی (دیوه استادان و محققان برجسته کشور) که نشانه عمق و وسعت فعالیت های موثر علمی و پژوهشی جناب عالی است، موجب مباهات و افتخار برای همه دانش پژوهان و دستیاران علم و دانش و پیشرفت کشور است. ضمن تبریک این موفقیت، امید است نسل جوان کشور عزیزمان ایران، با الگو قرار دادن جناب عالی و دیگر دانشمندان متعهد و مومن و متخلق به اخلاق دینی و علمی، در مسیر توسعه و پیشرفت علمی کشور کوشا و موفق و سربلند باشند.

نسرین سلاخواه

معاون علمی و فناوری رییس جمهور

در رییس بنیاد ملی نخبگان



Presented to

Mehdi Sohrabi

to commemorate the awarding to the

*International
Atomic Energy Agency*

of the

*Nobel Peace Prize
for 2005*



Mohamed ElBaradei
Director General



IAEA
International Atomic Energy Agency

Distinguished Service Award

**Radiation Protection & Waste Management
Safety Infrastructure Team**

Team Award

awarded to

Mehdi Sohrabi

by

the International Atomic Energy Agency

Vienna, November 2004

Director General

The State of Tennessee

By His Excellency

BUFORD ELLINGTON

Governor of Tennessee

Greetings: Be it hereby known that

THE HONORABLE MEHDI SOHRABI

in recognition of outstanding qualities which merit the highest esteem of the citizens of the great Volunteer State, has been accorded the status of

Honorary Citizen of Tennessee

and in recognition thereof is hereby presented with this certificate of honorary citizenship.



Given under my hand and the Seal of the State of Tennessee, this the
7th day of October, in the
year of our Lord, 1970.

Buford Ellington
BUFORD ELLINGTON
GOVERNOR

GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

ENGINEERING COLLEGE
OFFICE OF THE DEAN


June 7, 1976

Dr. Mehdi Sohrabi
Georgia Tech Box 30978
Campus

Dear Dr. Sohrabi:

It is a pleasure to receive notice from Dr. E. Jo Baker, President of the Georgia Tech Chapter of the Society of the Sigma Xi, that you have been recognized for your research activities. You bring great credit on yourself, on the School of Nuclear Engineering, and the College of Engineering. Therefore, I am pleased to offer my personal congratulations to you on this significant recognition of your achievement.

Sincerely yours,


William M. Sangster
Dean

WMS:sb

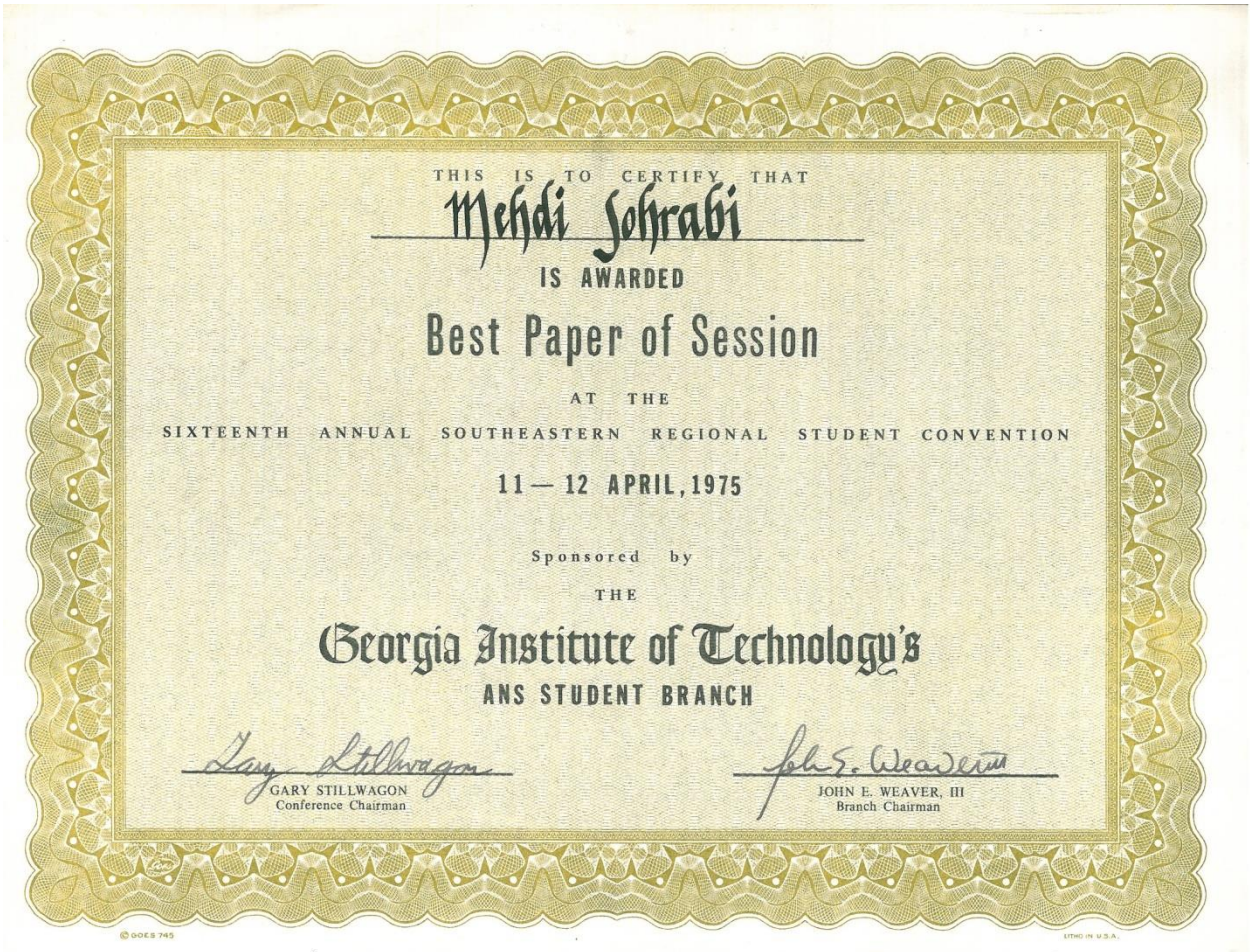
THE MONIE A. FERST MEMORIAL
SIGMA XI RESEARCH AWARD

Mehdi Sohrabi

is granted this award by the Georgia Institute of Technology Chapter of
the Society of the Sigma Xi in recognition of an outstanding
research contribution.



E. J. Baker
President
C. J. Pollard, Jr.
Secretary



© 0068 745

PRINTED IN U.S.A.



Award of Honour

This distinguished award is hereby granted at the venue of the 6th International Conference on High Levels of Natural Radiation and Radon Areas, 6 to 10 September 2004, Osaka, Japan to:

Professor Dr. Mehdi Sohrabi

in recognition of his merits and appreciation of his outstanding contributions to the studies in Elevated Level Natural Radiation Areas.

Hiroshige Morishima

*6th International Conference on High Levels of
Natural Radiation and Radon Areas*

September 9, 2004

بِسْمِ اللّٰهِ

برادر کرامی جناب آقای مهدی سهرابی

ضمن عرض تشکر و تقدیر از خدمات ارزنده آن برادر در سال گذشته و

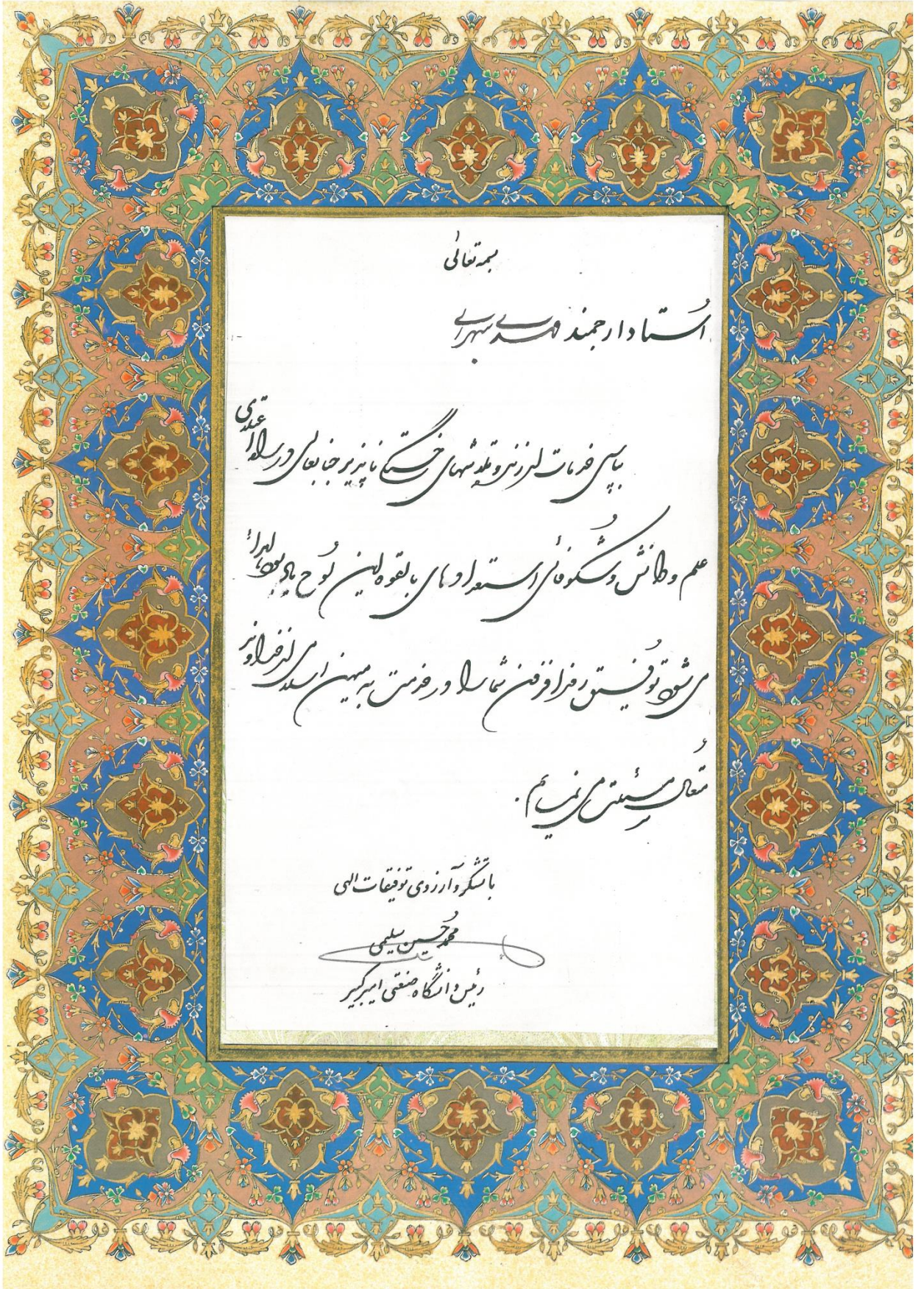
یادواره هیئته دولتی

بدینوسیله انتخاب آن برادر کرامی را بعنوان برگزیده تبریکت

انشاء الله خدمات آنجناب مورد تأیید خداوند متعال باشد.

رضا امرا
لله

معاون رئیس هیئت مدیران آرژانتی ایران



بسم تعالی

استاد ارجمند **محمد سیسی**

بیا فرمات لر ز نو و عده شمار خستک ما پیر و خبا در رلا ^{عیدی}

عم و طاش و سکون ار استوار دما با بقوه لیس روح یو لیا

ر شو تو یستن در فرا و فر شاملا در فرمت بر مین ار سک

مقاله **سنتی** م **سیسی**

با سکر و آرزوی توقیقات الی

محمد حسین سیسی
رئیس انشگاه صنعتی ایریکر

برتعالی

« لوح تقدیر »

ارجمند گرانمایه جناب آقای دکتر مهدی سهرابی
استاد برجسته‌ی حفاظت در برابر آتش

با ابدای سلام و احترام؛

بر خود لازم می‌دانم از شما استاد عالی‌قدر و فرزند نخبه؛ به جهت اجابت دعوت این دانشگاه و
حسن همکاری علمی و پژوهشی با «مادر دانشگاه‌های صنعتی کشور»، تقدیر و تشکر نمایم.
پیشاپیش حضور ارزشمند شما را که یکی از مفاخر و نوابغ علمی ایران عزیز محسوب می‌شوید، ارج
می‌نهم و امیدواریم همچون همیشه شایسته خدمات شایانی در اعتلای جوانان نخبه‌ی
این مرز و بوم در این دانشگاه نیز باشید.

علیرضایانی

رئیس دانشگاه صنعتی امیرکبیر

بسمه تعالی

تاریخ: ۲۴/۳/۸۹

شماره: ۱۰۱۱/۴/۱۴۹

پیوست:



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

جناب آقای دکتر سهرابی استاد برجسته حفاظت در برابر اشعه

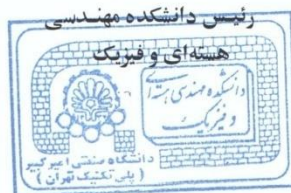
باسلام

احتراما، از آنجا که جنابعالی یکی از افتخارات علمی کشور بوده و با توجه به عضویت جنابعالی در فرهنگستان و کار در سنگرهای مختلف جهانی در رشته حفاظت در برابر اشعه و راه اندازی آنها در ایران و در چندین کشور جهان منت نهاد از اول مهرماه ۱۳۸۹ همکاری علمی و پژوهشی خود را با این دانشکده شروع نمایند.

دانشگاه صنعتی امیرکبیر افتخار می کند مردان بزرگی همانند جنابعالی را در خانه خود داشته باشد.

باتشکر

رضا امیرالطی



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

استادپروفور مهدی سهرابی

اکنون که دومین همایش "عظمت کائنات" با مشارکت جابعالی و گروهی از اندیشمندان با موفقیت به پایان رسید، لازم می داند از اینکه در غنای این نشست نقش موثر به عهده گرفتید سپاسگزاری نماید. از درگاه خداوند سبحان استمرا توفیق حضرت عالی را مسئلت داریم.

ید حسن صنعتی
رئیس دومین همایش عظمت کائنات

علیرضاربابی
رئیس دانشگاه صنعتی امیرکبیر
ورئیس افتخاری دومین همایش عظمت کائنات

« ان بعلم و ما یطهرون »

قدم نهادن در مسیر تعلیم و تعلم؛ علاوه بر غرضی برخاسته از تعهد و ایثار و
گام‌های محکم و استوار، بصیرتی دین‌مدار و پرعیار را همی طلبید.

استاد گرانمایه جناب آقای دکتر مهدی سهرابی

گام‌های بلند، تلاش‌های بی‌شائبه و خدمات ارزشمنده و ماندگار جنابعالی در عرصه‌ی
حقیقه‌تعلیم و تعلم، شایسته‌ی تقدیر و تجلیل است. لذا معارفان بزرگداشت و
« معلم »، ضمن ارج نهادن به اهتمام والای شما، از خداوند متعال بوسیله‌ی
روزافزونه و تان را در راه خدمت به مسین عزیز اسلامی قربیت جوانانی مؤمن
متعهد و متخصّص مسلت درم.

میرزا طاهره‌ی الطاهره

رئیس جهاد دانشگاهی اصفهان



علیرضا حایبی

رئیس دانشگاه صنعتی امیرکبیر





جمهوری اسلامی ایران

وزارت بهداشت، درمان و آموزش پزشکی

دانشگاه علوم پزشکی تبریز

تبریز

تقدیرنامه

شماره ۱۸۴۱

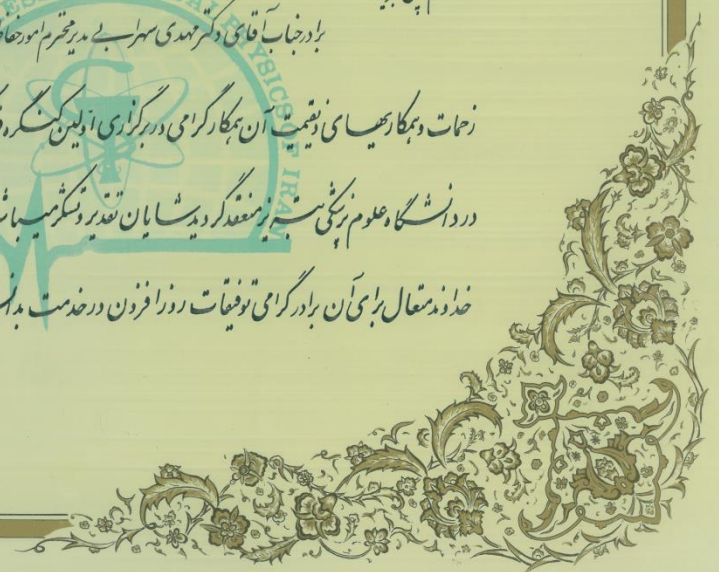
تاریخ ۱۳۶۰/۱۱/۲۹

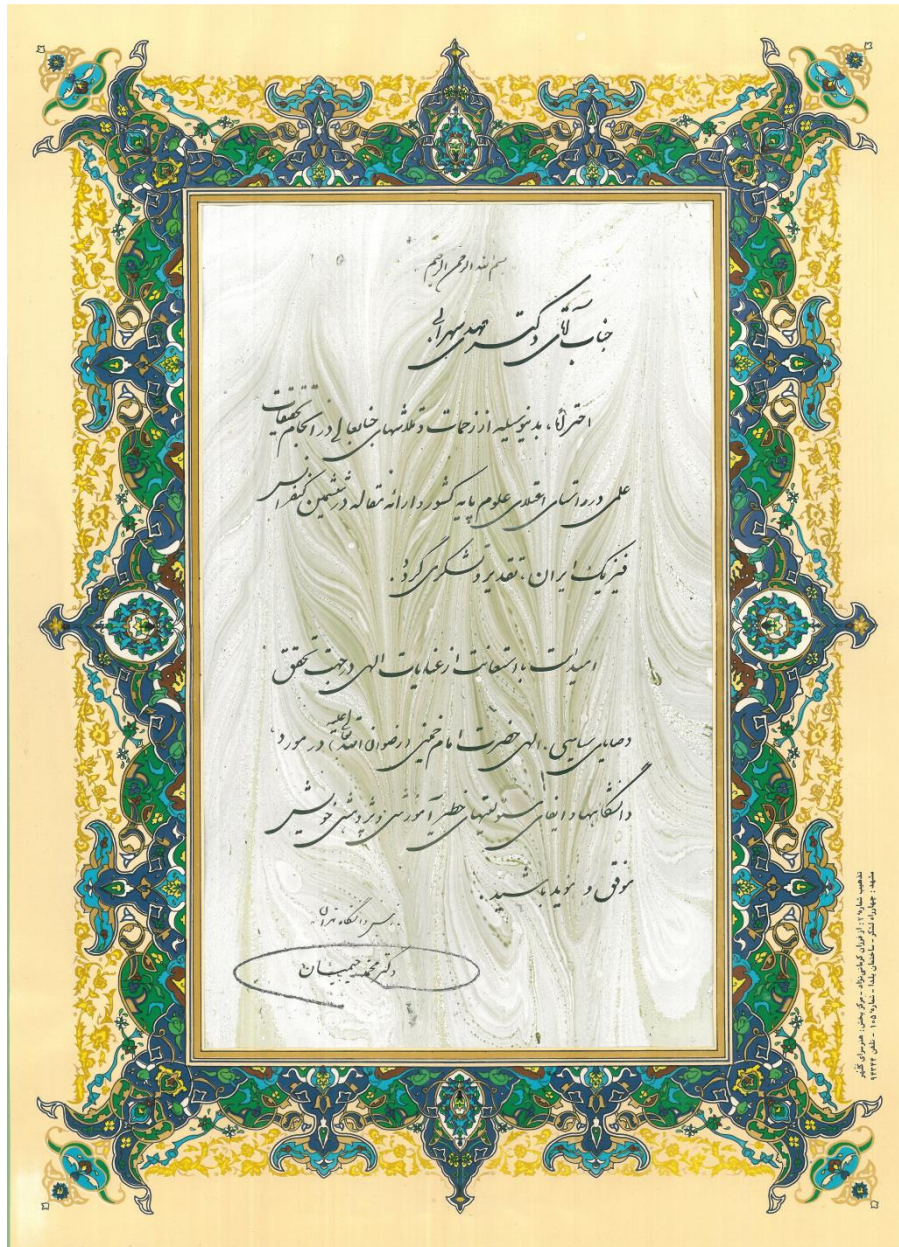
تاریخ ۱۳۶۰/۱۱/۲۹

برادر جناب آقای دکتر مهدی سهراب‌بی در محترم امور حفاظت و پرورش سازمان رازی طی ایران

زحمات و همکاری‌های بی‌قیمتی آن همکار گرامی در برگزاری اولین کنفرانس تقریباً یک‌پنجاه نفری ایران که در اردیبهشت ماه سال ۷۰ در دانشگاه علوم پزشکی تبریز منعقد گردیدتایمان تقدیر و تشکر می‌باشد. بدینوسیله ضمن اعلام مراتب تشکر و سپاس از خداوند متعال برای آن برادر گرامی توفیقات روزافزون در خدمت به دانشگاه و مسکن اسلامی خواستارم.

دکتر حسین صادقی شجاع
فانم‌نظام وزیر و دکتر سیدحسین آذربایجانی
رئیس دانشگاه علوم پزشکی تبریز





بسم الله الرحمن الرحيم
جناب دکتر کتبه محمد مهرآبادی

اقتران، بدین سبب از زحمات و طهارت جنابعالی در انجام تکالیف
علمی و در ارتقاء علوم پایه کشور دارا تهنه در ششمن کفر
فزیات ایران، تقدیر و شکر کرد.

امید است، استقامت زحمات الهی در جهت تحقق
اهدای سیاسی، الهی حضرت امام خمین از رضوان الله در مورد
دانشگاهها و دانشگاهها و نیز در جهت پیشرفت
موفق و برکت باشد.

سپاس از نگاه بزرگوار
دکتر محمد حسین

نسخه چاپی: از طرفی کتبه محمد مهرآبادی - مرکز تحقیقات، سعیدی کتبه
مهرآبادی - کتبه محمد مهرآبادی - کتبه محمد مهرآبادی - کتبه محمد مهرآبادی

باسمه تعالی

« دانش اگر در ثریا هم باشد مردانی از سرزمین پارس بر آن دست فوهند یافت »
پیامبر اکرم (ص)

استاد ارجمند: پروفسور مهدی سهرابی
سلام علیکم

پیشرفت و ترقی جامعه جز با تلاش و تحقیق و پژوهش فرهیختگان و پژوهشگران آن جامعه امکان پذیر نمی باشد. در میهن عزیزمان نیز همواره پژوهشگران و دانشمندان، با توکل به خداوند متعال و در سایه پشتکار و همت خود توانسته اند گام های بلندی در زمینه ی تعلیم، تحقیق و پژوهش بردارند و دستاوردهای عظیم علمی-پژوهشی آنان شاهی بر این مدعاست. بدینوسیله از حضور سبز جنابعالی در ایراد سخنرانی با عنوان: نگاهی به پایش کارکنان، بیماران، مردم و محیط زیست در این واحد دانشگاهی کمال تشکر و امتنان را دارد. توفیق روز افزون شما را از خداوند متعال خواستاریم.

دکتر احمد سیف

رئیس دانشگاه آزاد اسلامی واحد بروجرد



بسمه تعالی



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

تاریخ: ۱۹/۳/۲۴

شماره: ۱۰۱۱۴/۱۴۹

پیوست:

جناب آقای دکتر سهرابی استاد برجسته حفاظت در برابر اشعه

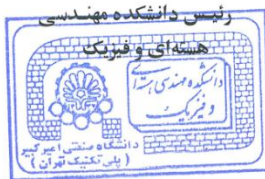
باسلام

احتراما، از آنجا که جنابعالی یکی از افتخارات علمی کشور بوده و با توجه به عضویت جنابعالی در فرهنگستان و کار در سنگرهای مختلف جهانی در رشته حفاظت در برابر اشعه و راه اندازی آنها در ایران و در چندین کشور جهان منت نهاده از اول مهرماه ۱۳۸۹ همکاری علمی و پژوهشی خود را با این دانشکده شروع نمائید.

دانشگاه صنعتی امیرکبیر افتخار می کند مردان بزرگی همانند جنابعالی را در خانه خود داشته باشد.

باتشکر


رضا امرالاهی



تهران، خیابان حافظ، روبروی خیابان سمیه، شماره ۲۲۴، صندوق پستی ۳۴۱۳ - ۱۵۸۷۵

<http://www.aut.ac.ir>

تلفن: ۱ - ۶۴۵۲۰ فکس: ۶۴۱۳۹۶۹



The

HEALTH PHYSICS SOCIETY


gratefully acknowledges 50 years of continuing support by

Mehdi Sohrabi

July 2021
Date

D. M. Delle

President



Executive Director