

hman resources

INVITING COMMITMENT

WORKING FOR THE **IAEA**

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AN INTRODUCTION TO THE IAEA



Founded in 1957 within the UN family, the IAEA serves as the world's intergovernmental forum for scientific and technical cooperation in the peaceful uses of nuclear energy. Its principal objectives under its Statute are "to accelerate and enlarge the contribution of atomic energy to peace, health and prosperity throughout the world" and "ensure, so far as it is able, that assistance provided by it or at its request or under its supervision or control is not used in such a way as to further any military purpose".

The IAEA pursues its objectives by promoting the transfer of nuclear technology and know-how, encouraging the creation of an international culture of safety and reliability in the utilization of nuclear energy, safeguarding nuclear materials so as to ensure that they are used exclusively for peaceful purposes and disseminating information on the peaceful uses of nuclear technology. In 2005, the Director General and the IAEA were awarded the Nobel Peace Prize "for their efforts to prevent nuclear energy from being used for military purposes and to ensure that nuclear energy for peaceful purposes is used in the safest possible way."

The IAEA's headquarters are in Vienna. Operational liaison offices are located in Geneva, Switzerland, and New York. Regional offices are located in Toronto, Canada, and Tokyo, Japan. IAEA programmes and budgets are set through decisions of its policy making bodies:

- The General Conference

comprises all Member States *(see Annex 1)* and meets for a one week session every year;

- The Board of Governors

oversees the ongoing operations of the IAEA. It comprises 35 Member States and generally meets five times a year, or more frequently if required for specific situations.

The IAEA Secretariat is led by the Director General, who is the chief executive authority, and six Deputy Directors General who head the major Departments. A multidisciplinary professional and support team of approximately 2300 scientific, technical and administrative personnel from over 100 countries work at the Secretariat, implementing the IAEA's programmes.

Nuclear engineers, nuclear physicists and nuclear safeguards inspectors constitute the largest groups of Professional staff members.

The other scientific and technical occupational groups consist of engineers, biologists, agricultural scientists, physicists, marine scientists, chemists, medical doctors and mathematicians with a wider variety of specializations.

The major administrative occupational groups include accountants, human resources specialists, computer experts, procurement specialists, lawyers, translators, editors, project managers and librarians.

IAEA Professional staff comprise a multicultural group of experts from the Member States. They carry out the functions of the IAEA by two different means. First, they contribute as individual experts. Second, they organize input from experts who are nominated by their countries to deal with specific tasks, such as preparing standards.

IAEA staff members are international civil servants who owe allegiance solely to the IAEA and are required to not accept instructions from any government or other national authority.

The work of the IAEA is carried out through six Departments

(see the organizational chart in Annex 2):

- Management;
- Nuclear Energy;
- Nuclear Safety and Security;
- Nuclear Sciences and Applications;
- Safeguards;
- Technical Cooperation.¹

¹ This brochure deals with the recruitment of regular staff members. For information on the recruitment of technical cooperation experts, please contact the IAEA Department of Technical Cooperation.

OUR WORK

DIRECTOR GENERAL

Director General's Office for Policy

The objectives of the Office are to: (i) carry out strategic and policy planning and coordinate policies for all areas of the IAEA's programme; and (ii) maintain effective relations and communications with Member States, other UN bodies, international organizations and civil society.

Offices reporting to the Director General

Secretariat of the Policy-making Organs

The Secretariat assists the IAEA's Policy Making Organs *(the Board of Governors and the General Con-ference)* to effectively perform their statutory responsibilities and their other functions in overseeing the ongoing operations of the IAEA. The Office was established to strengthen the IAEA's ability to change through improved management practice, as well as to enhance programme performance and accountability.

Office of Legal Affairs

The objectives of the Office are to: (i) ensure the legally appropriate performance of the IAEA's work, to prepare legal instruments, including international agreements and internal regulations, to provide legal interpretations of these instruments and regulations; (ii) ensure that the legal aspects of the IAEA's work programme are appropriately addressed; (iii) provide advice on legal questions relating to the work of the IAEA and to provide assistance for the development of nuclear legislation in Member States; and (iv) ensure a coordinated approach to legal issues common to the UN system.

Professionals in these areas have expertise in:

- Certified accounting and auditing
- Economics
- International relations
- Law

IAEA

- Management analysis
- Political science

States 2

"IT'S ABOUT MUCH MORE THAN JUST BUILDING NUCLEAR POWER PLANTS"



For Laura Rockwood (USA),

a lawyer educated at the University of California Berkeley and Hastings College of Law in San Francisco, working at the IAEA is interesting, current, newsworthy and exciting. Given the IAEA's objective of promoting the safe and peaceful uses of nuclear energy, the work is anything but one dimensional, ranging from the implementation of safeguards to verifying the nonproliferation of nuclear weapons to the promotion of nuclear applications in medicine and agriculture.

The Head of the Non-Proliferation and Policy-making Section in the Office of Legal Affairs, Laura was one of the original drafters of the Model Additional Protocol (1997) designed to improve the IAEA's ability to verify the absence of undeclared nuclear material and activities in safeguarded States. This task involved convincing Member States of the value of the protocol, understanding and addressing their concerns and bringing about fundamental, groundbreaking changes to the safeguards system from a legal point of view.

Laura finds it energizing to work in a place where people believe in what they do. She also likes the intellectual challenge of the IAEA's work and learning to see things from different perspectives in a multicultural environment.

On a more personal note, Laura thinks that Vienna is a '*terrific*' city to live in.

MANAGEMENT

PROVIDING SUPPORT SERVICES ESSENTIAL TO THE EFFIECIENT OPERATION OF THE IAEA

The Department of Management

(MT) provides a wide range of support services to the IAEA's other Departments, and the Professionals in this Department carry out challenging activities in very diverse areas.

The objective of the **Office of Procurement Services** is to ensure the timely acquisition of goods and services, ensuring value for money through competition and due regard to the principles of fairness, integrity and transparency.

The Division of Budget and Finance

prepares and administers the IAEA's annual budgets, which determine the allocation of financial resources to the programme of the IAEA. The Division works to ensure the continued confidence of the Board of Governors and Member States in the financial management of the Secretariat.

The **Division of Conference and**

Document Services facilitates the effective exchange and dissemination of information between the Secretariat and Member States, and among Member States, by organizing meetings and conferences, and editing, printing and distributing documents and scientific and technical publications in the six official UN languages.

The Division of Human Resources

provides services ranging from human resources planning, recruitment, staff development and career management to salary and benefits, as well as medical and health related services.

The Division of Information

Technology provides reliable and sustainable information and communication technology solutions and services.

The objective of the **Division of**

<u>General Services</u> is to provide efficient and effective general administrative support services including: operational maintenance, facilities management, archiving and records management, travel, transportation, housing and insurance, as well as property management and the commissary.

The objective of the **Division of <u>Public Information</u>** is to bring about more accurate, balanced and objective understanding of nuclear issues and the role of the IAEA.

Professionals in the Department of Management have expertise in:

- Accounting
- Administration
- Computer sciences
- Finance
- Human resources
- Procurement
- Translation



George Petison (Ghana) is on his second tour of service at the IAEA. He has an MSc in software engineering and an MBA, subjects which he studied during his first tour of service. He decided to apply for a position at the IAEA because he was looking for something new and challenging.

As Head of the Enterprise Software

Services Unit, Business Solutions Section, in the Division of Information Technology, his work is project and customer oriented; it includes IT business analysis, managing outsourced projects, and technical leadership to younger programmers. He believes that the IAEA has a unique way of working due to the cultural and professional diversity of its staff.

What he values most about the IAEA is its investment in people by promoting professional development.

While on the job his group has undergone training on various transferable skills, including ITIL best practices and Prince 2 methodologies.



NUCLEAR ENERGY

FOSTERING SUSTAINABLE NUCLEAR ENERGY FOR THE FUTURE

The IAEA assists countries in developing or improving their capabilities for applying nuclear energy and related technologies for peaceful purposes. The IAEA assists countries in developing or improving their capabilities for applying nuclear energy and related technologies for peaceful purposes.

The Division of Nuclear Power

assists Member States in increasing their capability to implement and maintain competitive and sustainable nuclear power programmes, and develop and apply advanced nuclear technologies. The Division's Professionals give specific advice on nuclear energy, including nuclear programme planning, and plant construction and operation. They advise on the technical, economic and financial requirements for sound nuclear power projects. They collect and disseminate information and assist in the improvement of power plant performance, operations capabilities, quality assurance and infrastructure development. Also, they are involved in the coordination for the development of innovative reactor technologies and future design concepts.

The **Division of Nuclear Fuel Cycle** and Waste Technology supports

Member States in increasing their capabilities in policy making and strategic planning, technology development and implementation of safe, reliable, economically efficient, proliferation resistant and environmentally sound nuclear fuel cycle and waste management programmes Professional staff advise Member States and organizations in Member States on uranium mining and resources, environmental aspects associated with all types of fuel cycle facility, advanced fuels and the management of irradiated fuel from power and research reactors. They also assist in and advise on strategies, engineering solutions and technologies for managing various tvpes of radioactive waste from different sources (including decommissioning) in a safe, environmentally sound, cost efficient and sustainable manner.

The Planning and Economic Studies Section (PESS) seeks to enhance the capacity of Member States to perform their own analyses regarding electricity and energy system development, energy investment planning and energy environment policy formulation, and to assess the potential role of nuclear energy in the context of mitigating climate change and contributing to sustainable energy development. Assistance includes: transferring modern planning methods, tools and databanks; training for model set-up and application; and interpreting, synthesizing and applying model outputs to policy formulation. PESS also conducts energy-economicsenvironment (3-E) analyses of nuclear technologies and their competitors, focusing on competitive energy markets, environmental impacts and sustainable energy development. PESS maintains databanks of energy and economic data for all Member States plus nuclear power projections through 2030, and is developing a system of Indicators for

Sustainable Energy Development. As the expert UN agency on nuclear energy, the IAEA, conducts research and provides input for international negotiations on climate change and sustainable development.

The IAEA distributes scientific and technical information worldwide to decision makers and professionals in the field, and the INIS and Nuclear Know*ledge Management Section* plays a key role in accomplishing this. Through the International Nuclear Information System (INIS), Member States have access to wide ranging information on the peaceful uses of nuclear science and technology, including an extensive collection of non-conventional literature. As the INIS Secretariat, the Section manages INIS and promotes information gathering and cooperation within an international network of Member States. It also develops methodology and guidance in nuclear knowledge management, facilitating

sustainable education and training in nuclear science and technology and supporting knowledge maintenance, analysis and integration.

The *IAEA Library* provides professional information management and services to Member States in all areas of the IAEA's activities. It manages and preserves information resources, while providing information services to Member States. It also promotes information exchange, cooperation and resource sharing between nuclear information centres and libraries worldwide.



Professionals in the Department of Nuclear Energy have expertise in:

- Energy economics
- Engineering (chemical, civil, electrical, industrial, mechanical, mining, structural, reactor physics and engineering)
- Environmental sciences
- Information and library sciences
- Natural and earth sciences
- Physics and chemistry
- Waste technology

For more information, see: www.iaea.org/OurWork/ST/NE/ index.html Xiaoping Li (China) is a Power Engineer/Economist in the Department of Nuclear Energy. Xiaoping obtained her Bachelor of Engineering in energy and power at Xi'an Jiaotong University. She also has an MSE in nuclear engineering and radiological science from the University of Michigan (Ann Arbor) and was an intern at Westinghouse.

After having worked for several years in two nuclear power plants in China, including in the area of bidding evaluation and negotiation, she decided to apply for a post at the IAEA after having watched an interview on television with the IAEA's Director General. Two years ago she was looking at satellite images of Vienna on the Internet and now she lives here.

She works on issues related to infrastructure and planning for nuclear power plant economics, feasibility studies and project management, including technical cooperation activities. The fact that the work encompasses 151 countries around the world makes it even more interesting and challenging.

For Xiaoping, working at the IAEA is a global experience in a comfortable and family friendly working environment.



NUCLEAR SAFETY

PROTECTING PEOPLE AND THE ENVIRONMENT



The IAEA is at the centre of international efforts to provide a strong, sustainable and visible global nuclear safety and security framework, working to protect people, society and the environment from the harmful effects of ionizing radiation.

The Department of Nuclear Safety

and Security formulates and implements the IAEA's programme for a strong, sustainable and visible global nuclear safety and security regime that provides for protection of people and the environment from effects of ionizing radiation, minimization of the likelihood of accidents or malicious acts that could endanger life and property, and effective mitigation of the effects of any such events.

Technical and policy experts work within the <u>Division of Nuclear Instal-</u> <u>lation Safety</u>, the <u>Division of Radiation</u>, <u>Transport and Waste Safety</u>, the <u>Office of Nuclear Security</u>, Incident

and Emergency Centre, and the Safety and Security Coordination Section.

The **Office of Nuclear Security** is responsible for coordinating and implementing the IAEA's Nuclear Security Plan to prevent, detect and respond to acts of nuclear terrorism and threats thereof. The Office organizes a large number of evaluation and advisory services, training courses and workshops, and convenes meetings with Member State experts for the purpose of improving the methodology

workshops, and convenes meetings with Member State experts for the purpose of improving the methodology used and the nuclear security framework. It liaises with other international organizations and Member States to enhance cooperation and the outreach of nuclear security information. It is organized into three sections:

The Incident and Emergency Centre

(IEC) serves as the IAEA's focal point for responding to nuclear or radiological incidents and emergencies and for promoting improvement in Member State emergency response and preparedness. It provides for an integrated system through which States, their competent authorities, international organizations, technical experts and the Secretariat can effectively share information and experience, and coordinate the provision of assistance for response to or preparedness for incidents or emergencies.

The <u>Safety and Security Coordinati-</u> on Section (SSCS) ensures technical consistency and coordination between the IAEA's activities in the nuclear, radiation, transport and waste safety and nuclear security programmes. The SSCS's efforts are aimed at ensuring effectiveness, integration and con-

tinuous improvements of the global nuclear safety and security framework. The SSCS provides support and coordination to promote a high level of harmonization and alignment for the various safety and security activities within the regime. In addition, the SSCS provides assistance to promote effective communication and knowledge management.

The objective of the **Division of**

Nuclear Installation Safety is to achieve and maintain a high level of safety of nuclear installations worldwide under design, construction or operation by: establishing standards of safety for the protection of health, including standards for nuclear power plants and other nuclear installations and facilities; and, providing for the application of these standards through, inter alia, support for the IAEA's technical cooperation programme, the rendering of services, the promotion of education and training, the fostering of information exchange and the coordination of research and development. The Division has five sections.

The Operational Safety Section's main aim is to enhance Member State capabilities to manage and maintain a high level of safety in nuclear installations through operational safety review services. It aims to improve operational safety in Member States through the use of IAEA Safety Standards and continuous self-assessment, and to make available to Member States good industry practices and performance in nuclear installations worldwide. The Section seeks to strengthen the capability of Member States to enhance their operational safety performance through the use of operational experience feedback and corrective action programmes.

The *Safety Assessment Section* endeavours to increase the capability of Member States to achieve a high level of safety by promoting the use of advanced safety assessment tools with enhanced integration of deterministic and probabilistic approaches and the use of safety performance indicators; and strengthening quality assurance in nuclear safety.

The *Regulatory Activities Section* supports the enhancement of effective regulatory infrastructures for nuclear safety in Member States. Its activities include safety review missions, the development and revision of safety standards, the maintenance of an incident reporting system service for nuclear power plants, and organization with respect to the Convention on Nuclear Safety.

The *Research Reactor Safety Section* implements Member State decisions to develop an international research reactor and fuel cycle facility safety enhancement plan and regime. Activities in this area include monitoring research reactors subject to project and supply agreements and assisting Member States possessing such reactors in fulfilling all the relevant safety obligations. The Section also covers a wide range of topics related to research reactor and fuel cycle facility safety, including siting, design, construction, commissioning, utilization and decommissioning.

The International Seismic Safety Centre (IEC) services were initiated to provide advice on site related safety aspects and safety management of nuclear power plants, related to the protection of nuclear installations as regards both natural and human induced hazards and design aspects of systems, structures and components. Subjects included in its reviews include: geology, tectonics, geophysics, seismology, seismic hazard assessment, meteorology, flooding including tsunamis, geotechnical engineering, structural engineering, mechanical engineering, hydrogeology, oceanography,

volcanology dispersion, population distribution, and malevolent and human induced hazards.

The Division of Radiation, Transport

and Waste Safety develops and maintains standards for radiation protection, radioactive waste safety and safety in the transport of radioactive material that enable the beneficial uses of radiation to be exploited while ensuring appropriate protection of workers, the public and patients. It also assists Member States in the implementation of these standards and provides related services. The Division has three sections.

The *Radiation Safety and Monitoring Section* is responsible for the delineation of a global radiation safety regime to protect workers, patients and the public from all types of exposure to natural or artificial radiation, according to the most recent scientific knowledge and information. It also provides radiation monitoring and protection services for staff members and experts who may be exposed to ionizing radiation due to activities conducted by the IAEA.

The *Regulatory Infrastructure and Transport Safety Section* provides Member States with safety standards, guidance and tools to foster regulatory infrastructure for the control of radiation sources, for the safe transport of radioactive material and for managing information for the identification of needs in Member States that would be used to improve radiation, transport and waste safety.

The Waste and Environmental Safety Section is responsible for the delineation of a global waste safety regime to protect the public and the environment from the effects of ionizing radiation, based on the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management, the development of safety standards for the management of all types of radioactive waste and the provisions for the application of waste safety standards.

Professionals in the Department of Nuclear Safety and Security have expertise in:

- Design and operation of nuclear power plants
- Engineering (chemical, civil, electrical, industrial, mechanical, mining or structural)
- Physics
- Physical protection
- Radiation, transport and waste safety
- Waste safety and waste technology

For more information, see: *www-ns.iaea.org*



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"LEARNING FROM THE CHERNOBYL EXPERIENCE"

Elena Buglova,

a medical doctor, was part of the IEC team responding to Chile's call for assistance, after a construction worker was severely burned by a lost radioactive source. The Centre is a 24-hour contact point for countries dealing with nuclear or radiological incidents and emergencies.

Elena Buglova (Belarus) is the Emergency Preparedness

Coordinator in the Incident and Emergency Centre (IEC) at the IAEA. She graduated with an MD (with *honours*) during a time when her immediate environment was being heavily influenced by the effects of the Chernobyl disaster. Spurred on by a desire to serve people, she continued her studies, gaining the credentials of a Candidate of Medical Science (PhD & MD) within the field of radiation hygiene, and later a Doctor of Science, through her scientific research work within a newly established Research and Clinical Institute of Radiation Medicine and Endocrinology in Minsk, Belarus.

During this time she became recognized as a national expert and the natural sharing of knowledge from these experiences developed her connections to the international community. This ultimately led to her applying to work at the IAEA, and Elena now feels that she is privileged to work with a great team of people who are so devoted to a common outcome.

This team work attitude is a theme that runs through Elena's life at home, as being a working mother in a 24/7 on-call position she needs the same strength in her partnerships with family members. She feels that this balance of professional and personal fulfilment is something she is fortunate to have, saying that "*if you like your work it stops being* "*work*" and becomes part of your life, and this fulfilment makes balancing it with your family life easier."

The challenges in her IAEA position require her to stay on top of the latest

technical, managerial and decision making advancements globally, saying that these are areas where you cannot slow down. The constant development and maintenance of knowledge and expertise is one of the exciting things about working with the IEC and working at the forefront of the nuclear safety and security industry with the IAEA.

NUCLEAR SCIENCES

NUCLEAR TECHNIQUES FOR SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL PROTECTION

<u>WATER</u> <u>ENERGY</u> <u>HEALTH</u> <u>AGRICULTURE</u> <u>BIODIVERSITY</u>

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The IAEA contributes to sustainable development in Member States through the use of nuclear and isotopic techniques in food and agriculture, human health, industry, water resources management, environment monitoring, research and protection, giving due regard to safety. Besides promoting research and applications in these areas, staff support the IAEA's technical cooperation activities in areas of their expertise.







Programme of Action for Cancer Therapy (PACT)

PACT was created by the IAEA in 2004 in response to the developing world's growing cancer crisis. Drawing on the IAEA's 30 years of experience in radiation medicine and technology, PACT aims to help developing countries build a comprehensive, sustainable cancer control programme integrating prevention, screening, treatment and palliative care. In 2009, the IAEA established a Joint Programme with the World Health Organization (WHO). The programme allows for close collaboration with WHO and other key international health organizations through a coordinated global response in developing strategies and specific plans for working with low and middle income (LMI) Member States in the design and implementation of comprehensive cancer control programmes.

The IAEA programme on human health, through the Division of Human Health, works to enhance the capabilities of Member States to address needs related to the prevention, diagnosis and treatment of health problems through the application of nuclear techniques. Its main activities include: coordinating and supporting research; providing technical, advisory and laboratory services; and collecting, analysing and disseminating information (meetings). Scientists help Member States to apply nuclear and isotopic techniques in the diagnosis, treatment and prevention of diseases, and in assessing people's nutritional status in different environments. The Division is divided into four Sections, which are focused on Nuclear Medicine. Applied Radiation Biology and Radiotherapy, Dosimetry and Medical Physics, and Nutritional and Health-related Environmental Studies, respectively.

The Joint FAO/IAEA Division of Nuclear Techniques in Food and

Agriculture assists Member States to use nuclear techniques and related biotechnologies for developing improved strategies for sustainable food security. It coordinates and supports research; provides technical and advisory services for projects and training activities and laboratory support and training through the FAO/IAEA Agriculture and Biotechnology Laboratory; it collects, analyses and disseminates information for effective transfer of skills and technology. In the field of animal production and health, scientists are helping to develop more sensitive techniques for the diagnosis of animal diseases and to improve animal diets and breeding strategies. Scientists are also using insects sterilized by radiation to control or eradicate insect pests affecting humans, crops and animals.

The Division of Physical and

<u>Chemical Sciences</u> assists and advises Member States in assessing their needs for research and development in the nuclear sciences, and supports activities in specific fields, such as: industrial applications of radiation and isotopes; isotope hydrology and geochemistry; nuclear analytical chemistry; plasma physics applications; nuclear physics; radiation chemistry; improvement and maintenance of nuclear instrumentation: utilization of research reactors and particle accelerators; promotion of research on nuclear fusion: collection and provision of nuclear and atomic data for nuclear research and technology and production of high quality medical radioisotopes and radiopharmaceuticals. These activities aim to help Member States to develop the scientific basis for current and future technologies.

The IAEA Environment Laboratories,

located in Monaco, assist Member States to protect the marine environment by improving their capabilities to monitor and assess radioactivity and its potential effects on environment and health, and to use nuclear and isotopic techniques to enhance understanding of the oceans and/or marine pollution transfers and behaviour. Scientists provide technical advice and assistance across a wide range of pollution related and oceanographic issues, such as the effects of radioactive waste disposal at sea.

Nuclear and radiation techniques are also applied to assess water resources and the proper use of geothermal water resources. Complementary studies on global change, especially past and current climate change, are also pursued.

The IAEA's Environment Laboratories provide a wide range of scientific services contributing to the implementation of programmes in food and agriculture, human health, physical and chemical sciences, water resources, industry, environment and radiation protection. The main areas of work include: provision of analytical services (i.e. environmental analyses; measurement of radionuclides in air, soil, biota, fresh water, food; measurement of hydrogen and oxygen isotopes for hydrological studies, etc.); provision of quality control and quality assurance materials for radiochemical analysis, nuclear and other complementary non-nuclear analytical techniques; provision of specialized scientific and technical services related to IAEA programmes; filling gaps in research and development which are needed for the implementation of a programme when they cannot be carried out by Member States; and training of scientists from developing countries in the use of techniques and technologies and in scientific fields.

Staff provide quality control services, produce reference materials and carry out chemical and radiochemical analyses. They also conduct research and provide on-the-job training for scientists from developing countries in topics such as environmental pollution monitoring, development and maintenance of nuclear instrumentation, radiation dosimetry, the use of nuclear techniques for producing food crops with better agronomic properties and studying soil–plant systems, developing immunoassay techniques for the diagnosis of animal diseases and the use of radiation sterilized insects to control or eradicate insect pests.

Professionals in the Department of Nuclear Sciences and Applications have expertise in:

- Physics
- Chemistry
- Food sciences, nutrition, biochemistry, physiology
- Geosciences
- Hydrology
- Radiation oncology
- Nuclear techniques

For more information, see: *www-naweb.iaea.org/na/index.html*

"SOLID SCIENCE FOUNDATION LEADS TO SOUND POLICY."

<u>Rethy Chhem</u> (*Canada*) is the <u>Director</u> of the Division of Human Health.

Growing up in Cambodia during the war time, Rethy's desire for a career in medicine began at an early age while doing volunteer work providing refugees and the poor with medical treatment and education. In the years that followed, Rethy obtained his MD, PhD in Education and PhD as a Historian of Medicine. For 25 years, he worked as a Professor of Radiology and Nuclear Medicine in Singapore and Canada and he chaired the Department of Medical Imaging before joining the IAEA.

It originally never occurred to Rethy that the IAEA could be his outlet for promoting both peace and science, until a chance meeting with a former staff member, who encouraged him to apply for his current position. Rethy has found that the IAEA is truly a unique platform to use science to serve humanity, believing that nuclear science can be used to promote peace, and to play an important role in improving global health. He encourages his team to work with a similar mentality, striving to see beyond the scientific aspects of their work in order to understand the value and social impact of their contribution.

In his leisure time, Rethy enjoys conducting research and publishing works in history, philosophy of sciences and medicine, and sciences applied to archaeology and bio-archaeology. Together with his supportive wife and family, Rethy is able to enjoy the history and culture that Vienna has to offer, particularly through music and museums.

While there is a delicate balance between the innovative mind of the scientist and the bureaucracy of working for an international organization, Rethy ultimately enjoys coming to work, saying "*This is not a mere job that leads to a rewarding career, but a commitment to a great cause that is dear to me!*"



SAFEGUARDS

DELIVERING EFFECTIVE NUCLEAR VERIFICATION FOR WORLD PEACE

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Through its role as the world's nuclear inspectorate, the IAEA performs an indispensable role in global efforts to further nuclear non-proliferation. The strengthened safeguards system, based on 'comprehensive' safeguards agreements and their 'additional protocols', has established a new and higher standard for effective, cooperative verification of States' nuclear undertakings.

The Department of Safeguards (SG)

has six Divisions. There are three Operations Divisions, A, B and C, for the implementation of verification activities where safeguards inspectors carry out verification activities in support of the IAEA's safeguards system. These are supported by three operational divisions, one that is responsible for Concepts and Planning, one that covers Information Management, and another that provides Technical Support.

Verification activities of Operations Divisions, A, B and C include:

- Preparing and performing safeguards inspections at nuclear facilities;
- Collecting information in support of future inspections;
- Verifying design information at declared facilities to confirm the completeness and correctness of the information provided by the State;
- Carrying out measurements, calibrating instruments, taking nuclear material and environmental samples, and performing routine maintenance of containment and surveillance equipment in the field;
- Reviewing and evaluating seals, sensors and surveillance data;
- Analysing, evaluating and reporting on the results of inspections;
- Analysing, reviewing and evaluating data collected from facility records, design information and other State

reports, inspection results, databases and open sources;

- Establishing and maintaining technical information with regard to safeguarded facilities;
- Acting as facility/site officer;
- Formulating conclusions and appropriate reports for use by senior management in reporting to States and to the Board of Governors.

Safeguards inspection activities are divided into field activities *(inspections)* and Headquarters activities. Pre- and post-inspection activities are usually done at Headquarters, in addition to other activities such as preparation of verification procedures, involvement in team efforts *(for example, negotiating and drafting Facility Attachments)*, quality control of inspection reports and statements, participation in State evaluations, and provision of operational support.

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The Division of Technical Support

ensures effective and efficient management of safeguards equipment required by the Divisions of Operations, through all lifetime phases; coordinates the activities of Member States Support Programmes; coordinates and provides assistance related to the Department's equipment needs, budgets, expenditures, as well as analytical services associated with nuclear material and environmental inspection sample analysis.

The **Division of Safeguards**

Information Management conducts information analysis and knowledge generation necessary to draw independent, impartial and credible safeguards conclusions. Within this Division is the Office of Information and Communications Services, which supports areas relating to the information systems infrastructure and operations, solutions support and development, architecture and compliance.

The Division of Concepts and Planning

is responsible for strategic planning and for developing and standardizing safeguards concepts, approaches, procedures and practices in order to ensure effective and efficient application of safeguards on a non-discriminatory basis. It supports the Department in the development, conduct and evaluations of safeguards related training for staff and for personnel from Member States. It implements and maintains the quality management system, including process design and improvement, as well as knowledge management performance measures.

Reporting to the Office of the Deputy Director General is the Section for Programme and Resources, responsible for managing the Department's human (more than 700 staff) and financial resources (around $\notin 140$ million per year).

The Section for Effectiveness Evaluation reports directly to the Deputy Director General, and is responsible for the evaluation of safeguards implementation and preparation of the annual Safeguards Implementation Report to the Board of Governors.

The Office of Safeguards Analytical Services is responsible for the analysis of nuclear material and environmental swipe samples, the provision of associated sampling and quality control materials, as well as the coordination of sample shipment logistics, and the Network of Analytical Laboratories *(NWAL)*.

Professionals in the Department of Safeguards have expertise in:

- Engineering (chemical, civil, electrical, industrial, mechanical, mining, structural)
- Information analysis
- Nuclear technologies
- Satellite imagery analysis
- Programme management

For more information, see: www.iaea.org/OurWork/SV/ Safeguards/index.html

"A DIFFERENT PERSPECTIVE"



Davide Parise (Italy) is a Nuclear Safeguards Inspector in the Department of Safeguards. With a background in nuclear physics, he came initially to the IAEA while writing his PhD on Energetics.

Working for a non-profit organization that benefits people around the globe is his strongest motivation. He also enjoys the good working environment, surrounded by colleagues of different cultures.

In addition, the IAEA offers a nonstandard experience — constantly learning things that are not written in books. It opens a new dimension in the nuclear field, allowing for the possibility of a complete overview of the nuclear topic and getting to know the different approaches taken by every country on the same issue. Although being a nuclear safeguards inspector can be stressful at times, he values the possibility of seeing countries from an unusual, non-touristy perspective.

Working in an international organization can be very different from working in a domestic field. Each country has its own way of working, giving Davide the opportunity to develop and gain valuable experience.

Davide thinks that Vienna is a wonderful city to live in, with a very high quality of life.

<u>"EACH ONE OF US HAS A</u> UNIQUE CONTRIBUTION TO THIS INTERNATIONAL EFFORT TO FURTHER PEACE."



Sahar Shawky (Egypt) had her first experience of working at the IAEA in 1989 through the Technical Cooperation Fellowship for Women Programme, where she worked in the Chemistry Unit of the Seibersdorf Laboratories. After completing her PhD in analytical chemistry in Düsseldorf, Germany, she returned to her home country, where she secured various employments with the Egyptian Atomic Energy Authority as a safeguards inspector and with the National Centre for Nuclear Safety and Radiation Control as Head of the Central Radio-Analytical Lab.

Sahar found out about a job opportunity at the IAEA through the IAEA website, and now works as a <u>Nuclear</u> <u>Safeguards Inspector</u>. Sahar is extremely committed to her work, and finds it to be both interesting as well as challenging. She is proud contributing to the international effort to further peace. Nearly four months out of the year, Sahar is travelling around Japan, and other parts of Asia, conducting inspections. This physically demanding role can be considered even more challenging due to language and cultural differences – something that Sahar believes is actually one of the best aspects about working at the IAEA.

She believes that the diversity found amongst her colleagues creates an interesting working environment, and can ultimately impact and change the way that people interact with one another. Sahar's work goes above and beyond that of her dedication to her job and to the IAEA, and she strives to ensure there is balance between all aspects of her life.

"Without the support of my family, the mutual understanding, respect, and realization of the seriousness of my job, I would not be able to harmonize my personal life and career."

TECHNICAL COOPERATION

EXTENDING THE SUSTAINABLE BENEFITS OF NUCLEAR TECHNOLOGIES









The Department of Technical

Cooperation (TC) helps Member States to improve their scientific and technological capabilities in the peaceful applications of nuclear technology, thus contributing to sustainable development. Over 100 countries in Latin America, Africa, Asia and Europe benefit from this support, which covers areas such as food and agriculture, human health, industry, environment, nuclear power and radiation protection.

The Department manages hundreds of collaborative projects involving the provision of expert services, equipment and training.

Officers work in full partnership with officers of the IAEA's technical Departments evaluating the objectives and planning the various phases of the projects, in consultation with national authorities. This requires a continuous dialogue with all project stakeholders, including sectoral ministries and other national authorities. Programme management is a stimulating and challenging responsibility requiring professionals with a university degree, preferably in science or technology, and experience in the management of technical cooperation for development.

The operating environment is interactive, participative and dynamic, with continuous inputs received from the Board of Governors, the General Conference, policy and decision makers as well as technical counterparts in Member States, other parts of the Secretariat and the international development community. There are four regional Divisions and a Division of Programme Support and Coordination.

Divisions for Africa, Asia and the Pacific, Europe and Latin America

The Divisions are responsible for planning, programming, implementing and monitoring the technical cooperation programme in accordance with the IAEA strategy. This includes the development of Country Programme Frameworks and the formulation and implementation of projects. Projects are designed to respond to relevant developmental priorities and to foster the self-reliance of Member States in the sustainable application of nuclear techniques, resource mobilization and partnership building, enhanced regional collaboration and cooperation.

Division of Programme Support and Coordination

The Division is responsible for enhancing quality and transparency in the design, delivery and monitoring of the technical cooperation programme through timely, accurate and effective support services. These involve strategies, concepts and tools, communication and partnership services, planning and coordination of policy matters and procedures. They also involve overall guidance and coordination of the management of financial resources, IT services, provision of information to senior management and Member States, including reports to the Board of Governors and the General Conference..

Professionals in the Department of Technical Cooperation come from a variety of backgrounds, and predominantly have expertise in:

- Management, social sciences, science and technology, and international relations
- Technical cooperation and development programming at the national or international level
- Designing programmes/projects and identifying sustainable approaches that support the achievement of development goals and capacity-building measures

For more information, see: www-tc.iaea.org/tcweb/default.asp

<u>"TO BE ABLE TO SEE QUITE</u> CONCRETELY THE RESULTS OF YOUR WORK"

For Jane Gerardo-Abaya (Philippines), a geologist from the University of Philippines, one of the most satisfying aspects of working at the IAEA is to see directly the impact in Member States of the projects in which she participates. She was first introduced to nuclear techniques in hydrology 22 years ago when she learned to apply isotope methodologies as a technical cooperation counterpart in the Philippines Environmental Management Bureau.

She began her career at the IAEA as a technical officer, working on projects applying isotope hydrology for geothermal development. She is currently a **Programme Management Officer**

in the Department of Technical Cooperation, working on projects in Latin America and the Caribbean. Since 2007, she has teamed up with a scientific/ technical group on a project involving 12 Member States to identify sources of pollution in the Caribbean Sea.

The research results are intended to assist policy makers in those Member States in understanding the flow and dynamics of pollution and to work out a viable solution for the benefit of the environment. In the transition between being a technical officer and a Programme Management Officer, she earned a PhD in Applied Geology and Geothermal Hydrology from the Bodenkultur University in Vienna. Jane enjoys the high quality of life in Vienna, and being part of the city's international community is an added attraction.



REQUIREMENTS AND CONDITIONS FOR APPOINTMENT

"The paramount consideration in the recruitment and employment of staff and in the determination of the conditions of service shall be to secure employees of the highest standards of efficiency, technical competence, and integrity. Subject to this consideration, due regard shall be paid to the contributions of Member States to the Agency and to the importance of recruiting the staff on as wide a geographical basis as possible."

Article VII D, IAEA Statute

Educational and technical qualifications

The IAEA follows a structure similar to the organizations of the UN Common System: there are five grades in the Professional category (*P-1 at the junior level to P-5 at the senior level*) and three in the policy making category (*two Director grades and the grade of Deputy Director General*).

Candidates for Professional posts at the P1 to P3 levels usually require:

- University degree (or equivalent graduate degree);
- 1-5 years of experience in a relevant field.

Candidates for Professional posts at

the P4 to D levels usually require:

 Advanced university degree (Master's, PhD or equivalent);

- 7-15 years of experience in a relevant field;
- Resource management experience.

There are two possibilities for posts in these levels: taking on managerial responsibilities or carrying out functions in a highly specialized field of expertise.

Those with managerial responsibilities function as head of a unit or section, or as a director of a division. They participate directly in the preparation and execution of the IAEA's strategy and programmes, manage a budget and assume a leadership role.

Competencies

A combination of skills, attributes and behaviours are included in vacancy notices, such as:

- Ability to work in a multicultural environment and collaboratively in teams;
- Good communication skills;

- Ability to analyse problems thoroughly and systematically and take different approaches to problem-solving and decision making;
- Improving knowledge and skills according to changing requirements and sharing knowledge and information with others;
- Sound judgement, integrity and results oriented approach.

Management skills

Management skills are required of candidates applying for supervisory positions. In particular, the essential abilities are to plan and prioritize work, to set performance expectations, to monitor programmes, to run projects and assignments, to motivate individuals and teams, to delegate, to promote teamwork, to appraise people's skills and expertise, to provide guidance and feedback, to promote a free flow of information and to resolve conflicts. Professionals at the IAEA may be called upon to work well beyond the established office hours, to meet very short deadlines and to travel extensively — and sometimes to countries with difficult living conditions. They may have to cope with poor technology and other constraints in the field. Nevertheless, they must remain committed and do their job efficiently.

Language and computer skills

The 'official' languages of the IAEA are Arabic, Chinese, English, French, Russian and Spanish. The IAEA's working language is English, so a good command of spoken and written English is **essential**.

Good computer skills are also necessary, in particular word processing, spreadsheets and databases.

The IAEA is interested in expertise in:

Accounting Administration Agriculture Computer sciences Energy economics Environmental specialities Financial management Human resource management International cooperation International law Languages Library science Life sciences Nuclear engineering Nuclear medicine Physical/chemical sciences Political science Project management Public affairs Radiation protection Technical cooperation

Geographical distribution of staff

Subject to the above mentioned considerations, in recruiting Professional staff *(other than those requiring special linguistic skills)* the IAEA tries to achieve as wide a geographical distribution of staff as possible. In cases of comparable qualifications and suitability, preference is generally given to applicants from developing Member States and from Member States which are not represented or are underrepresented in the IAEA.

Representation of women

The IAEA strongly supports the principle of 'equal rights of men and women' enshrined in the first sentence of the UN Charter. A gender equality policy has been put in place to increase the representation of women within the Secretariat, particularly at senior and decision making levels and especially in scientific and technical posts, and to mainstream gender issues into the Secretariat's programmes and operations.

Other requirements

Every offer of appointment is subject to a satisfactory medical clearance from the IAEA's Medical Officer. Before appointment, therefore, all selected candidates must undergo a medical examination.

Rotation policy and duration of tour of service

The IAEA does not offer permanent appointments in the Professional category. In order to keep the collective knowledge of the staff up to date and at a high level, especially in scientific and engineering fields, and to ensure the regular introduction of new ideas, the IAEA generally limits the individual's overall tour of service to five years. Appointments to regular fixed term positions are initially made for a period of three years. Based on programme requirements and work performance, the IAEA may offer an extension of two more years, i.e. for a total of five years, which constitute the normal tour of service at the IAEA. A further extension beyond the five year tour of service may be exceptionally granted for programmatic or other compelling reasons in the interest of the IAEA, for up to two years, for a maximum seven year tour of service.

OPPORTUNITIES FOR YOUNG PROFESSIONALS



Junior Professional Officer (JPO) programme

Aside from hiring highly qualified and experienced candidates, the IAEA, through direct funding by its Member States, also offers job opportunities for young Professionals under a *Junior Professional Officer (JPO)* programme. The purpose of the programme is not only to give young Professionals an opportunity to gain work experience in an international environment, but also to provide the IAEA with additional expertise.

These young Professionals must hold an advanced university degree and preferably have at least two years of professional work experience. The JPO works as part of a team and under the guidance of a senior Professional in either a scientific/technical or administrative field. Currently, only a limited number of Member States who have signed a JPO Agreement with the IAEA are able to offer their young nationals the possibility of joining the Agency as a JPO.

For more information about the Junior Professional Officers programme, see: *www.iaea.org/About/Jobs/jpo.html*

Internships

The Internship Programme provides young Professionals an opportunity to gain practical experience in an international environment and exposes them to the work of the IAEA and the United Nations. The IAEA accepts a limited number of interns each year. Applicants must be at least 18 years of age and have completed a minimum of two years of full-time studies at a university or equivalent institution towards the completion of their first degree. Individuals may apply up to two years after the completion of their



Bachelor's, Master's or Doctorate degree. Internships normally last not less than one month and not more than one year. For more information about internships, see: *www.iaea.org/About/Jobs/ internships.html*

CONDITIONS OF EMPLOYMENT

This section gives general information relating to the employment of Professional staff² internationally recruited for a period of at least one year and holding a regular fixed-term appointment. It does not describe all conditions of service. More detailed information is provided to candidates in the event of an offer of appointment.

Salary and post adjustment

Staff members are paid a net remuneration, exempt in principle from income tax and usually paid in the currency of the duty station, composed of:

 A salary determined within the framework of the UN Common System; A post adjustment, which varies according to the cost of living at each duty station in comparison to New York. It is designed to ensure that no matter where the UN Common System staff work, their take-home pay has a purchasing power equivalent to that at the base of the system.

Relocation expenses

The IAEA usually meets the costs of travel from the place of recruitment to the duty station in the case of staff members who have been internationally recruited and of their eligible dependants. It also usually meets the costs of shipping or storing and insuring household effects.

Assistance with visa formalities may be provided, and the IAEA can arrange initial hotel accommodation. Staff appointed for at least one year receive upon arrival an assignment grant for covering initial, settling-in expenses.

A repatriation grant is payable to internationally recruited staff upon separation and relocation after at least one year of service. The amount is linked to the staff member's dependency status and the length of service with the IAEA.

Health insurance

Staff members may choose between two health insurance schemes, the premium costs of which are shared by the staff member and the IAEA. The IAEA also has a non-contributory compensation scheme for injury, illness or death attributable to the performance of official functions.

² The term 'Professional staff member' refers to persons whose work requires the understanding of an organized body of theoretical knowledge that is of a level equivalent to that represented by a university degree, whereas General Service staff members work in areas of administrative, technical and scientific support.

Health care facilities

There is a well equipped medical service at the VIC which provides occupational health checks and where staff members obtain advice on medical services in Vienna. Travel health information, inoculations and medicines for duty travel and home leave travel are also provided.

Life insurance

Staff members have the possibility of enrolling, at their own expense, in a group life insurance scheme with several levels of coverage.

Pension plan

Participation in the UN *Joint Staff Pension Fund (UNJSPF)* is compulsory for staff members who have an appointment of six months or more, except when he/she is allowed to continue instead in a national pension insurance scheme or the pension insurance scheme of his/her former employer. Besides retirement pensions, the UNJSPF provides disability pensions and — in the event of the death of the participant — survivors' benefits. More information on:

www.unjspf.org

The mandatory retirement age is 62. Staff members separating from the IAEA before reaching that age are entitled to either a lump sum withdrawal settlement instead of a pension or *(if they have at least five years of contributory service)* a deferred retirement benefit or *(if, in addition, they are over 55 years of age)* an early retirement pension at a reduced rate. Pensions are subject to annual cost of living adjustments.

Housing

A housing service assists in finding rented furnished and unfurnished long

term accommodation in and around Vienna. It also advises staff members on other issues concerning housing, especially lease agreements.

Rental subsidy

Internationally recruited staff members may be eligible for a rental subsidy *(up to 40% of the actual rent)* for a maximum period of seven years.

Dependency allowance

Dependency benefits are payable to staff members for dependent spouses who earn a yearly salary under a certain threshold and for children under the age of 21 for whom the staff member provides continuing financial support. Staff members only receive the allowance for dependent children between the ages of 18 and 21 if they are in full-time attendance at a school, university or similar educational institution. Staff members who do not have a dependent spouse may be eligible to receive a secondary dependant allowance for a parent or sibling under certain circumstances.

Education grant

An education grant may be payable in respect of a staff member's child who is in full-time attendance at a recognized school or university. The grant is not payable for attendance at a school free of charge or one charging only nominal fees at the duty station.

Leave

Staff members are entitled to 30 days *(six weeks)* of annual leave. In addition, there are ten official holidays.

Policies on paid sick leave and maternity/paternity leave have been put in place. After two years of service, the IAEA meets the home leave travel costs of internationally recruited staff members who are not of Austrian nationality for travelling *(with spouse and dependent children)* to their home country.

Work/life balance policies

The IAEA has put in place policies to support staff in balancing work with their personal and family responsibilities:

- Flexible working hours
- Part-time work
- Work from home
- Parental leave
- Family emergency leave
- Nursing breaks

Training and staff development

The IAEA provides a variety of in-house training programmes and Professional development opportunities to help staff members update and develop their work related knowledge and skills. These programmes include communication, management, career planning and computer courses. In addition, new staff members and their spouses are invited to participate in the Orientation Programme that will introduce them to the IAEA and to life in Vienna.

The IAEA also offers training at a reasonable cost in all the official languages as well as German to staff members and their spouses who wish to develop their linguistic skills for professional or personal reasons.

The Staff Development Centre (SDC)

The SDC is a resource centre where staff and their spouses can broaden their professional as well as their career options through self-training, seminars and workshops. It also provides guidance on the adjustment to the working environment and life in Vienna. The SDC has a collection of more than 800 titles in print, audio, video, DVD and multimedia software. The material covers a wide range of topics dealing with personal and professional development, management and leadership, language skills and issues of general interest.

The IAEA Headquarters and other facilities

The IAEA's Headquarters are located together with other UN organizations at the Vienna International Centre (VIC), an office complex comprising several towers near the Danube river. Facilities at the VIC include a post office, a bank, two travel agencies, a pharmacy, a newstand, a dry cleaning service, a restaurant, a self-service cafeteria and a gymnasium. There are on-site child care centres at Headquarters and the Seibersdorf Laboratory (*run in German*) with opening hours corresponding to regular working hours for staff members' children between three

months and school age, i.e. six years of age. For older children of pre-school age there are municipal 'kindergartens' in the vicinity of the VIC. Besides municipal day schools, which are run in German, there are a number of private fee paying schools run in English, French and other languages. The Vienna International School is located near the VIC; the American International School, the Danube International School or the Lycée Français are other examples. As these schools often have placement restrictions, new staff members are encouraged to register their children at the school of their preference as soon as possible.



HOW TO APPLY FOR A POSITION IN THE IAEA

All positions are advertised through vacancy notices, which are normally issued months before a position becomes available at the IAEA. A list of open vacancy notices is available on the IAEA's web site at *https://recruitment.iaea.org.*

Copies of vacancy notices are also sent to all Member States, typically to the Atomic Energy Commissions, Ministries of Foreign Affairs, other international organizations, universities and other educational institutions.

In general, a period of six weeks is allowed for the submission of job applications in response to a vacancy notice.

General Services *(support)* positions are filled on a locally recruited basis

and are advertised for a period of four weeks. While every attempt is made to fill such positions from a multinational community, these positions are neither subject to geographical distribution nor to the IAEA's rotation policy. Candidates for General Service positions in Vienna should be in possession of a valid visa for Austria and are responsible for their own relocation upon appointment.

Recruitment step by step

In order to be considered for a position, interested candidates must complete and submit an on-line job application, accessible on the IAEA web site: *https://recruitment.iaea.org*

The Personal History Form *(PHF)* is an on-line résumé, which includes general information about a candidate's education, employment, languages and references. It is used to evaluate the candidate's suitability for a vacancy, as well as for administrative purposes in case he/she is selected to work with the IAEA. All applications need to be submitted before the closing date stated on the vacancy notice. Applications received after this date are not considered. Applicants who do not comply with the application guidelines or do not meet the essential requirements specified in the vacancy notice are not considered.

Upon receipt, applications for a specific vacancy are forwarded to the division concerned for evaluation and the selection of candidates. In some cases, applicants may be invited for an interview in Vienna or they may be interviewed through a videoconference or by telephone.

The Division of Human Resources

reviews the selection process to ensure that appropriate attention has been paid to female applicants and to applicants from developing countries and other countries that are under-represented at the IAEA. Appointments are made by the Director General or the Deputy Director General for Management.

All applicants are informed of the outcome of their application in due course. An offer of appointment is sent to the selected candidate approximately two months before he/she is expected to take up the position.

If the candidate accepts the offer, he/she receives a Letter of Appointment and, upon acceptance of its terms, becomes an IAEA staff member.



MEMBER STATES OF THE IAEA

(as of August 2011)

AFGHANISTAN AI BANIA ALGERIA ANGOLA ARGENTINA ARMENIA AUSTRALIA AUSTRIA AZERBAIJAN BAHRAIN BANGLADESH BELARUS BELGIUM BELIZE BENIN BOLIVIA BOSNIA AND HERZEGOVINA BOTSWANA BRAZIL BULGARIA BURKINA FASO BURUNDI CAMEROON CAMBODIA CANADA CENTRAL AFRICAN REPUBLIC CHAD CHILE CHINA COLOMBIA CONGO COSTA RICA

CÔTE D'IVOIRE CROATIA CUBA CYPRUS CZECH REPUBLIC DEMOCRATIC REPUBLIC OF THE CONGO DENMARK DOMINICAN REPUBLIC ECUADOR EGYPT EL SALVADOR ERITREA **ESTONIA ETHIOPIA** FINLAND FRANCE GABON GEORGIA GERMANY GHANA GREECE **GUATEMALA** HAITI HOLY SEE HONDURAS HUNGARY **ICELAND** INDIA INDONESIA IRAN. ISLAMIC REPUBLIC OF IRAQ IRFI AND

ISRAEL ITAI Y IAMAICA IAPAN IORDAN KAZAKHSTAN KENYA KOREA, REPUBLIC OF KUWAIT **KYRGYZSTAN** LATVIA LEBANON **LESOTHO** LIBERIA LIBYAN ARAB IAMAHIRIYA LIECHTENSTEIN LITHUANIA LUXEMBOURG MADAGASCAR MALAWI MAI AYSIA MALL MALTA MARSHALL ISLANDS MAURITANIA MAURITIUS MEXICO MONACO MONGOLIA MONTENEGRO MOROCCO MOZAMBIQUE MYANMAR

NAMIRIA NFPAI NETHERLANDS NEW ZEALAND NICARAGUA NIGER NIGERIA NORWAY OMAN, SULTANATE OF PAKISTAN PALAU PANAMA PARAGUAY PERU PHILIPPINES POLAND PORTUGAL QATAR REPUBLIC OF MOLDOVA ROMANIA RUSSIAN FEDERATION SAUDI ARABIA SENEGAL SERBIA SEYCHELLES SIERRA LEONE SINGAPORE **SLOVAKIA** SLOVENIA SOUTH AFRICA SPAIN SRI LANKA

SUDAN SWEDEN SWITZERLAND SYRIAN ARAB REPUBLIC TAIIKISTAN THAILAND THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA TUNISIA TURKEY UGANDA UKRAINE UNITED ARAB EMIRATES UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND UNITED REPUBLIC OF TANZANIA UNITED STATES OF AMERICA URUGUAY UZBEKISTAN VENEZUELA VIETNAM YEMEN ZAMBIA ZIMBABWE



(as of August 2011)

* The Abdus Salam International Centre for Theoretical Physics (Abdus Salam ICTP), legally referred to as the "International Centre for Theoretical Physics", is operated as a joint programme by UNESCO and the Agency. Administration is carried out by UNESCO on behalf of both organizations.



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