

TECHNICAL COOPERATION MEETINGS

48th General Conference Meeting of representatives of the Regional Cooperative Agreement for Research, Development and Training Related to Nuclear Science and Technology for Asia and the Pacific (RCA)

This is a yearly regular meeting of National Representatives of Government Parties to the RCA on the occasion of the IAEA General Conferences. The purpose of the meeting is to review the RCA programme and provide guidance to ensure that the RCA programme is implemented in an effective and efficient manner. In addition, the meeting discusses and decides on other RCA-related issues.

This event will be held on **Friday**, 13 September 2019, from 9.00 a.m. to 6.00 p.m. in Conference Room M4, M building, ground floor.

Meeting of the Representatives of the Cooperative Agreement for Arab States in Asia for Research, Development and Training Related to Nuclear Science and Technology (ARASIA) during the IAEA General Conference

The annual meeting of the ARASIA Board of Representatives, held during the IAEA General Conference, reviews and evaluates policy and programmatic achievements made under the ARASIA Agreement in order to identify best practices and draw relevant lessons. The meeting also addresses follow-up actions agreed during the ABR meeting held in April 2019.

This event will be held on **Tuesday**, 17 September 2019, from 10.00 a.m. to 1.00 p.m. in Conference Room M6, M building, ground floor.

Europe Region National Liaison Officers Meeting (NLO)

This mid-term short meeting with NLOs from the Europe Regional Member States provides an overview of the TC programme in the Europe Region (TCEU) and the new programme for the 2020- 2021 cycle.

This event will be held on **Thursday**, 19 September 2019, from 3.00 p.m. to 5.00 p.m. in Conference Room M5, M building, ground floor.

Meeting of the Board of Representatives (ORA) of the Regional Cooperation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean (ARCAL)

This is a yearly regular meeting of the representatives of the 21 State Parties of ARCAL, plus Spain.

This event will be held on **Thursday**, 19 September 2019, from 3.30 p.m. to 6.00 p.m. in Conference Room C4, C building, seventh floor.

African Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (AFRA): Meeting of Representatives

The AFRA Meeting of Representatives occurs once a year during the IAEA General Conference to endorse recommendations from the AFRA Technical Working Group Meeting, to endorse the Annual Report prepared by the IAEA and to consider any new policy and strategic matters related to AFRA.

This event will be held on **Friday**, 20 September 2019, from 10.00 a.m. to 11.30 a.m. in Conference Room C3, C building, seventh floor.

OTHER MEETINGS

The International Nuclear Safety Group Forum on the Safety–Security Interface

In a meeting open to all General Conference participants, the International Nuclear Safety Group (INSAG) Forum will provide insights from INSAG and other experts on the safety–security interface.

This event will be held on **Monday**, 16 September 2019, from 2.00 p.m. to 4.00 p.m. in Conference Room C3, C building, seventh floor.

Nuclear Operators' Forum: Challenges and Solutions for the Sustainable Management of the Nuclear Supply Chain

This forum will provide an opportunity for Member States to share and discuss current and future challenges related to the management of the nuclear supply chain. It will cover management, quality, oversight, regulation, sustainability, innovative technologies, suspect items, spare parts and reliability of the nuclear supply chain in Member States with operating nuclear power plants.

This event will be held on **Tuesday**, 17 September 2019, from 9.30 a.m. to 11.00 a.m. in Conference Room C4, C building, seventh floor.

Senior Safety and Security Regulators' Meeting

At this meeting, heads of regulatory authorities and other senior regulatory officials in the fields of nuclear, radiation, transport and radioactive waste safety and nuclear security will discuss regulatory challenges and share good practices. The meeting will also focus on IAEA Secretariat initiatives to support regulatory bodies.

This event will be held on **Thursday**, 19 September 2019, from 9.00 a.m. to 6.30 p.m. in Board Room D, C building, fourth floor.

EVENTS ORGANIZED AND/OR CO-SPONSORED BY THE SECRETARIAT DURING THE 63RD GENERAL CONFERENCE

Monday, 16 September 2019

Showcasing the ReNuAL Project and Highlighting its Accomplishments

This side event will focus on the progress of ReNuAL/ReNuAL+ project. New donors will place their country's brick into a small replica of the Donor Wall. The event will also highlight the extensive benefits the ReNuAL initiative will provide for all Member States.

The event will be held on **Monday**, 16 September 2019, from 12.00 noon to 1:00 p.m. at the entrance to M building leading to A building.

An INPRO Service to Member States: Analysis Support for Enhanced Nuclear Energy Sustainability

This event will present INPRO support to Member States in developing a long term vision for deployment of existing and innovative nuclear energy technologies, including fuel cycle facilities. This includes training and guidance on national strategic planning and long term development of nuclear energy programmes, considering the potential of technical innovation and cooperation among countries.

This event will be held on **Monday**, 16 September 2019, from 1.30 p.m. to 2.00 p.m. at ESPACE M01, M building, first floor.

Treaty Event

The Treaty Event aims to promote universal adherence to multilateral treaties for which the Director General of the IAEA is depositary, by providing an additional opportunity to deposit instruments of ratification, acceptance, approval or accession. The Treaty Event this year will focus on the Convention on Nuclear Safety, the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management, as well as the Convention on the Physical Protection of Nuclear Material and its Amendment.

This event will be held on **Monday**, 16 September 2019, from 2.00 p.m. to 3.00 p.m. in Meeting Room MOE 68, M building, ground floor.

SDP — The Efficient Way to Submit Safeguards Reports and Declarations

The State Declarations Portal (SDP) provides an online method for State and regional authorities to submit safeguards declarations and communicate with the IAEA Department of Safeguards. This side event will demonstrate how to submit a safeguards declaration through SDP. Visitors will also be provided with a starter kit to use the SDP.

This event will be held on **Monday**, 16 September 2019, from 2.30 p.m. to 3.00 p.m. at ESPACE MOE, M building, ground floor.

Nuclear Power Reactor Spent Fuel Management: 30 Years of Research

Spanning over more than 30 years, two IAEA series of coordinated research projects (BEFAST and SPAR) have acted as a vehicle for international research and development collaboration on the behaviour of spent nuclear fuel during storage. This event will provide an overview of the findings of the projects and introduce the recent publication collating all the findings.

This event will be held on **Monday**, 16 September 2019, from 2.30 p.m. to 3.00 p.m. at ESPACE M01, M building, first floor.

Global Status of Decommissioning

This event will provide an overview of a new IAEA collaborative project to share information on existing decommissioning plans and projects and their status, including main recent achievements and future challenges in this field.

This event will be held on **Monday**, 16 September 2019, from 3.30 p.m. to 4.00 p.m. at ESPACE M01, M building, first floor.

International Conference on Nuclear Security (ICONS) 2020: Preview

A panel discussion will highlight how the topics of the International Conference on Nuclear Security, to be held in February 2020, impact nuclear security globally. The topics are: international legally and non-legally binding instruments for nuclear security; role of the IAEA in nuclear security; national nuclear security regimes; emerging technologies and the digital age; and international cooperation in information exchange, sharing of good practices and broader experience to enhance nuclear security.

This event will be held on **Monday**, 16 September 2019, from 4.00 p.m. to 5.00 p.m. in Conference Room C4, C building, seventh floor.

Tuesday, 17 September 2019***Gender Equality in the Workplace: How to be an Employer of Choice for Women***

This panel event will explore how organizations can effectively attract and retain qualified women, creating a place where women want to work. Senior leaders from the nuclear field will explore the role of formal policies, informal networks, and organizational values in creating a more representative and inclusive workplace that is an employer of choice for women.

This event will be held on **Tuesday**, 17 September 2019, from 8.30 a.m. to 10.00 a.m. at ESPACE M02, M building, second floor.

Building Future Safeguards Capabilities: Insights from the 2018 Symposium on International Safeguards

Every four years, the IAEA holds the Symposium on International Safeguards, which engages the broader safeguards community to address challenges and seize opportunities in strengthening the effectiveness and efficiency of safeguards implementation. This event will showcase the insights and outcomes of the 2018 Symposium.

This event will be held on **Tuesday**, 17 September 2019, from 9.00 a.m. to 10.00 a.m. at ESPACE M0E, M building, ground floor.

Vacancies and Recruitment Process at the IAEA

During this event, IAEA Recruitment Officers will walk participants through the recruitment and application process, and will provide participants with tips on how to create an impactful application, understand the job description, describe their achievements, write a cover letter and sign up for job updates relevant to their areas of interest.

This event will be held on **Tuesday**, 17 September 2019, from 10.00 a.m. to 11.00 a.m. in Conference Room M7, M building, ground floor.

IAEA Support to Environmental Remediation Projects

This side event will showcase successful environmental remediation initiatives supported by the IAEA and highlight partnership opportunities. It will also celebrate the tenth anniversary of the IAEA Network on Environmental Management and Remediation (ENVIRONET) and announce the first IAEA International Conference on the Management of Naturally Occurring Radioactive Material (NORM) in Industry.

This event will be held on **Tuesday**, 17 September 2019, from 11.30 a.m. to 1.00 p.m. in Conference Room C5, C building, seventh floor.

IAEA Power Reactor Information System (PRIS) Turns 50: The World's Leading Information System on Nuclear Power Reactors

Developed and maintained by the IAEA for five decades, the Power Reactor Information System (PRIS) is a comprehensive database that details the complete history of nuclear power operations in the world. During this event, Member States will have the opportunity to learn how to generate both global and unit specific reports or graphs on nuclear energy status, performance and trends.

This event will be held on **Tuesday**, 17 September 2019, from 1.00 p.m. to 1.30 p.m. at ESPACE M0E, M building, ground floor.

Towards a Strong Radiation Safety Culture in Medicine: IAEA Activities

Healthcare stakeholders have designated 17 September as International Patient Safety Day, and the 2019 focus is 'Safety Culture at all Levels'. This side event highlights the IAEA's work to strengthen safety culture in medical facilities. Speakers will discuss how to improve radiation safety culture in medicine and how to support radiation protection and patient safety in general.

This event will be held on **Tuesday**, 17 September 2019, from 1.30 p.m. to 2.00 p.m. at ESPACE M01, M building, first floor.

Understanding IAEA Procurement

This event will provide helpful tips to Member States and suppliers on the IAEA procurement process and how to do business with the IAEA. The presentation will outline the roles and responsibilities of the main stakeholders, the key steps in the procurement process, and an overview of IAEA procurement volume and categories purchases. The presentation will be followed by a question and answer session.

This event will be held on **Tuesday**, 17 September 2019, from 2.00 p.m. to 3.00 p.m. at ESPACE M02, M building, second floor.

Preparing the Next Generation of the Workforce for the Nuclear Industry: The Journey from Graduate to Professional

This side event will discuss skill development, professional awareness, competencies, career advancements and other related issues relevant to the transfer of knowledge to young professionals and their retention in the industry. The event will feature the European Master of Science in Nuclear Engineering award ceremony of the European Nuclear Education Network Association.

This event will be held on **Tuesday**, 17 September 2019, from 2.00 p.m. to 4.00 p.m. in Conference Room C4, C building, seventh floor.

Leading for Safety: What I Learned at the International School of Nuclear and Radiological Leadership for Safety

At this side event, young and mid-career professionals who have taken part in the IAEA International School of Nuclear and Radiological Leadership for Safety discuss how the course helped them develop as safety leaders. They will highlight how the school's interactive methodology influenced their ability to strengthen safety at their current work places, and to continue to lead for safety throughout their careers.

This event will be held on **Tuesday**, 17 September 2019, from 2.00 p.m. to 4.00 p.m. at ESPACE MOE, M building, ground floor.

Strengthening Safeguards Implementation in Member States through Collaboration

The IAEA continues to assist Member States in establishing and strengthening their State systems of accounting for and control of nuclear material (SSACs). This event will highlight how in the past eight years over 20 IAEA's SSAC Advisory Service missions, together with Integrated Nuclear Infrastructure Review missions, have enabled the sharing of best practices in the development of nuclear power.

This event will be held on **Tuesday**, 17 September 2019, from 2.30 p.m. to 3.00 p.m. at ESPACE M01, M building, first floor.

Options to Manage Spent Fuel from Research Reactors

This event will introduce management options for spent fuel from research reactors and the criteria used to compare the options. It will feature a real time simulation of decision support tools developed during a coordinated research project to assist Member States in selecting a suitable management strategy among several options.

This event will be held on **Tuesday**, 17 September 2019, from 3.00 p.m. to 4.30 p.m. in Conference Room M6, M building, ground floor.

Celebrating the 100th Edition of the Postgraduate Educational Course (PGEC) in Radiation Protection and the Safety of Radiation Sources – Vision for the Future

The PGEC in Radiation Protection and the Safety of Radiation Sources is regularly delivered across all regions in English, French, Russian, Spanish and in Portuguese. In its 37 years of existence, the courses have helped 120 countries build up radiation safety knowledge in young graduates. This side event will review the achievements and set out the vision for the future.

This event will be held on **Tuesday**, 17 September 2019, from 3.30 p.m. to 5.00 p.m. in Conference Room C5, C building, seventh floor.

Wednesday, 18 September 2019***Youth in Nuclear: Engaging the Next Generation of Leaders***

This side event focuses on the role of youth in raising public awareness about the peaceful uses of nuclear science and technology, mentorship and the development of a skilled workforce. It will also encourage interaction between professionals of different backgrounds and generations of nuclear experts.

This event will be held on **Wednesday**, 18 September 2019, from 9.00 a.m. to 11.00 a.m. in Conference Room C4, C building, seventh floor.

The Sixth Plenary Meeting of the Global Nuclear Safety and Security Network

The Plenary meeting will provide a forum for IAEA Member States to discuss challenges related to the development of a sustainable radiation and nuclear safety infrastructure in line with the IAEA safety standards and international good practices. The IAEA Secretariat will brief participants on the IAEA's Consolidated Plan for Safety as a tool to assist Member States in addressing these challenges.

This event will be held on **Wednesday**, 18 September 2019, from 9.30 a.m. to 12.30 p.m. in Conference Room C3, C building, seventh floor.

Recent IAEA Safety Guides: Radiation Protection of the Public and the Environment

This side event offers an in-depth-look at three recently issued IAEA Safety Guides: Radiation Protection of the Public and the Environment (IAEA Safety Guide No. GSG-8); Regulatory Control of Radioactive Discharges to the Environment (GSG-9); and Prospective Radiological Environmental Impact Assessment for Facilities and Activities (GSG-10).

This event will be held on **Wednesday**, 18 September 2019, from 10.00 a.m. to 11.00 a.m. in Conference Room M4, M building, ground floor.

Promoting Science, Technology and Innovation Through Research: The IAEA's Collaborating Centres and Coordinated Research Activities

This event will outline aspects of two collaborative mechanisms focusing on research and development in the applications of nuclear energy: coordinated research activities, which bring together Member States' research institutes to conduct research of common interest; and Collaborating Centres, through which Member States can contribute to the IAEA's research, development and training projects in nuclear science and technology.

This event will be held on **Wednesday**, 18 September 2019, from 10.00 a.m. to 11.00 a.m. at ESPACE M02, M building, second floor.

Presentation of the IAEA Nuclear Communicator's Toolbox

This event will present the newly launched IAEA Nuclear Communicator's Toolbox, which offers tools to support effective communication on the benefits and risks associated with nuclear technologies. It is intended for scientists, engineers and communication professionals who work in the field of nuclear science and technology applications or regulate their safe and secure use.

This event will be held on **Wednesday**, 18 September 2019, from 10.30 a.m. to 11.00 a.m. at ESPACE M0E, M building, ground floor.

Disused Sealed Radioactive Sources (DSRS) and DSRS -Net

This event will launch the DSRS-Net web-platform and feature a hands-on demonstration of handling disused sealed radioactive sources.

This event will be held on **Wednesday**, 18 September 2019, from 11.30 a.m. to 12.30 p.m. at ESPACE M0E, M building, ground floor.

Building Quantum Technology with Ion Beam Accelerators

Ion beam accelerators have a key role to play in materials modification at an atomic level. These new materials are an important part of the second quantum revolution. This side event will give examples of the novel applications that are emerging through quantum technology in terms of health, medicine and communications.

This event will be held on **Wednesday**, 18 September 2019, from 11.30 a.m. to 1.00 p.m. in Board Room C, C building, fourth floor.

IAEA Knowledge Management Assist Visit

This side event will present methodologies, tools and examples of the IAEA Knowledge Management Assist Visit (KMAV) to organizations dealing with non-nuclear-power applications. It will address key elements for an effective approach to knowledge management, such as policy and strategy, human resource processes, training and competence development, procedures and documentation processes and IT solutions.

This event will be held on **Wednesday**, 18 September 2019, from 1.00 p.m. to 1.30 p.m. at ESPACE M0E, M building, ground floor.

20 Years of the Emergency Preparedness Review (EPREV) Service: Experience and Way Forward

Two decades after the IAEA's first EPREV mission, hosted by Indonesia, IAEA experts and selected mission hosts share insights from the 48 missions conducted so far and look ahead at the way forward for the service. IAEA speakers will summarize lessons learned and discuss plans for future improvements. EPREV host countries will share their views on the benefits and challenges of hosting an EPREV mission.

This event will be held on **Wednesday**, 18 September 2019, from 2.00 p.m. to 3.00 p.m. in Conference Room C4, C building, seventh floor.

Radiation Safety Information Management System (RASIMS) Version 2.0: An Online Tool to Evaluate National Radiation Safety Infrastructure

At this side event, the IAEA will present the Radiation Safety Information Management System (RASIMS) that enables Member States to compare their national infrastructure for radiation safety to relevant IAEA safety standards. This information can be used as the basis for designing projects and activities to address the identified needs, thus leading to a strengthened infrastructure for radiation safety that is consistent with the IAEA safety standards.

This event will be held on **Wednesday**, 18 September 2019, from 2.00 p.m. to 3.00 p.m. at ESPACE M0E, M building, ground floor.

Reactor Technology Innovation to Support Integration of Renewable Energy Systems and Nuclear Installations

Nuclear power reactors are often perceived as baseload providers only, but some are already contributing to grid stability through load following. This event will highlight technology innovation required to better complement intermittent renewables, especially in the light of climate change concerns. It will also feature a demonstration of IAEA's Advanced Reactors Information System (ARIS).

This event will be held on **Wednesday**, 18 September 2019, from 2.00 p.m. to 4.00 p.m. in Conference Room M7, M building, ground floor.

IAEA Operation and Maintenance Assessment for Research Reactors (OMARR) Review Service

This event will present the benefits and methodology of the IAEA Operation and Maintenance Assessment for Research Reactors (OMARR) mission. It will also present the Research Reactor Ageing Database, intended for use by operating organizations in establishing, implementing and improving ageing management programmes for research reactors.

This event will be held on **Wednesday**, 18 September 2019, from 3.30 p.m. to 4.00 p.m. at ESPACE M0E, M building, ground floor.

New Nuclear Power Programmes: Coordinated International Support for Safety and Success

This side event highlights the IAEA Milestones approach and other IAEA support available to countries that are considering building new nuclear power plants to meet United Nations Sustainable Development Goal 7 on ensuring access to affordable, reliable, sustainable and modern energy for all. The event emphasises the role of sound regulatory arrangements, leadership capability and operational safety. The World Association of Nuclear Operators and the Electric Power Research Institute will also present their programmes for the newcomers.

This event will be held on **Wednesday**, 18 September 2019, from 3.30 p.m. to 5.00 p.m. in Conference Room C4, C building, seventh floor.

Improving Management of Cardiovascular Diseases in Women

Cardiovascular diseases kill more women over 60 than men of the same age. The mortality rates are more than double in low and middle income countries compared to high income countries. Women do not present the typical symptoms that lead to early evaluation and appropriate intervention. This side event will demonstrate how nuclear techniques play a pivotal role in a coordinated approach.

This event will be held on **Wednesday**, 18 September 2019, from 3.30 p.m. to 5.00 p.m. in Conference Room C3, C building, seventh floor.

Thursday, 19 September 2019

Health Check: Applying Nuclear Safeguards at Radiopharmaceutical Facilities

The IAEA undertakes the verification of nuclear materials in peaceful use across the globe, including within radiopharmaceutical facilities. At this event, visitors can learn more about the definitions of nuclear material used at radiopharmaceutical facilities and discuss the associated analytical techniques used to verify such nuclear material.

This event will be held on **Thursday**, 19 September 2019, from 9.30 a.m. to 10.00 a.m. at ESPACE M0E, M building, ground floor.

New Edition of InTouch+

This side event will present the new edition of InTouch+, the web platform used for technical cooperation event applications. This edition will allow users to easily create/edit profiles, apply to events, and endorse and approve applications. Project Counterparts and National Liaison Officers/Assistants will learn about the new interface and be able to provide feedback.

This event will be held on **Thursday**, 19 September 2019, from 10.00 a.m. to 12.00 noon in Conference Room M4, M building, ground floor.

Capacity Building in Energy Planning and its Application for Addressing Sustainable Development and Climate Change Targets

This event will describe the IAEA programme for capacity building in energy planning and experience in its implementation. It will also present IAEA analytical tools for energy planning.

This event will be held on **Thursday**, 19 September 2019, from 10.30 a.m. to 11.00 a.m. at ESPACE M0E, M building, ground floor.

Recent Advances in Radiation Technologies

The side event will discuss different irradiation methods using radioisotope sources, such as Cobalt-60, and other radiation technologies. The presentations will focus on Gamma, E-beam, and X-ray facilities and the role of IAEA on supporting all the technologies.

This event will be held on **Thursday**, 19 September 2019, from 10.30 a.m. to 12.00 noon in Conference Room M7, M building, ground floor.

Nuclear Techniques for Preserving Cultural Heritage

This side event will present technical cooperation regional project activities on using nuclear techniques for cultural heritage preservation. The event will take the form of presentations following by a Q&A and discussion session.

This event will be held on **Thursday**, 19 September 2019, from 12.00 noon to 1.30 p.m. in Conference Room M4, M building, ground floor.

The IAEA's Legislative Assistance Programme: Addressing Member States Needs

The IAEA, through its technical cooperation programme and Office of Legal Affairs, supports Member States in developing and maintaining national legal frameworks for the safe, secure and peaceful use of nuclear technology. Panellists at this event will exchange views on the benefits of these technical cooperation activities in addressing needs related to national legal frameworks.

This event will be held on **Thursday**, 19 September 2019, from 1.00 p.m. to 2.00 p.m. in Conference Room C4, C building, seventh floor.

Global Energy Expenditure Data: Helping Countries Tackle Growing Obesity Crisis

This event will be a demonstration of the first comprehensive database on human energy expenditure. The IAEA database contains over 6600 measurements from 23 countries collected using the doubly-labelled water method since 1981. It will help researchers look at the impact of growing sedentary lifestyles on dietary needs and whether energy expenditure has declined during the obesity epidemic.

This event will be held on **Thursday**, 19 September 2019, from 1.30 p.m. to 2.00 p.m. at ESPACE M01, M building, first floor.

Working in the IAEA Department of Safeguards

What is it like to work in nuclear safeguards? What sort of candidate profile does the IAEA look for in safeguards staff? How does the evaluation process for employing safeguards staff work? Visitors to this side event can learn more about careers opportunities in the IAEA Department of Safeguards.

This event will be held on **Thursday**, 19 September 2019, from 2.30 p.m. to 3.00 p.m. at ESPACE M0E, M building, ground floor.

Transport Safety E-learning Initiatives

The IAEA offers comprehensive e-learning on the safe transport of radioactive material. This side event introduces the e-learning course "Safe Transport of Radioactive Material", which provides training for regulators, operators and anyone interested in the regulatory requirements for the safe transport of radioactive material by sea, air and land.

This event will be held on **Thursday**, 19 September 2019, from 3.30 p.m. to 4.00 p.m. at ESPACE M0E, M building, ground floor.

Friday, 20 September 2019

Plenary of the Regulatory Cooperation Forum (RCF)

The RCF Plenary focuses on common regulatory infrastructure development issues faced by countries embarking on nuclear power programmes and facilitates information exchange and experience-sharing among newcomers and countries with operating experience. At this meeting, participants will share regulatory infrastructure development experience and knowledge, and review the RCF Strategy.

This event will be held on **Friday**, 20 September 2019, from 9.30 a.m. to 1.00 p.m. in Conference Room C4, C building, seventh floor.

EVENTS ORGANIZED BY MEMBER STATES DURING THE 63RD GENERAL CONFERENCE

Monday, 16 September 2019

Illuminating the Hope for Life — the Application of Nuclear Technology in Diagnosis and Treatment of Cancer Worldwide

Every year millions of patients suffering from cancers worldwide experience a desperate hope for life after receiving rounds of treatments. Radiation medicine is useful and powerful tool in this regard. This event will focus on increasing public awareness of the benefits that advances in nuclear technology bring to the treatment of cancers. This event is organized by China.

This event will be held on **Monday**, 16 September 2019, from 10.00 a.m. to 11.00 a.m. in Conference Room M7, M building, ground floor.

United Kingdom Industrial Strategy: Nuclear Sector Deal

This event will present the role of the United Kingdom's Nuclear Sector Deal as part of its modern industrial strategy, aimed at ensuring that the United Kingdom's nuclear sector supports the country's clean growth ambitions. It will explain how the Deal is helping the nuclear sector develop, focusing on cost reduction, innovation and diversity. This event is organized by the United Kingdom.

This event will be held on **Monday**, 16 September 2019, from 10.00 a.m. to 11.00 a.m. in Conference Room C5, C building, seventh floor.

Preparation for and Implementation of Decommissioning of Research Reactors Highlighting IAEA Support

This event will highlight the IAEA's support in the decommissioning of research reactor IIN-3M 'Foton', and in preparing for research reactor decommissioning through the collaborative DACCORD project and other projects. It will present case studies of frameworks for research reactor decommissioning.

This event is co-organized by Norway, the Russian Federation and Uzbekistan.

This event will be held on **Monday**, 16 September 2019, from 12.00 noon to 2.00 p.m. in Conference Room M5, M building, ground floor.

Documentary Screening: A Green Meadow

"A green meadow" — this is how the workers at the Ignalina nuclear power plant describe the final goal of the power plant's deconstruction: in the end, after the cutting up of turbines, dismantling of the reactor and the demolition of the buildings there will be nothing but a green field left. This event is organized by Lithuania.

This event will be held on **Monday**, 16 September 2019, from 1.30 p.m. to 3.00 p.m. in Conference Room C5, C building, seventh floor.

Ageing Management: Synergies and Collaborative Expertise for Long Term Operation

As more and more nuclear installations enter long term operation, ageing management is becoming a critical competence. In this event, players in the French nuclear scene will explain how they address this challenge, building an expertise network with relevant infrastructures for developing knowledge and solutions ranging from research and development to end-user implementation. The event is organized by France.

This event will be held on **Monday**, 16 September 2019, from 1.30 p.m. to 3.30 p.m. in Conference Room C4, C building, seventh floor.

EC-IAEA Cooperation to Strengthen the Safety of Radioactive Waste and Spent Fuel Management

The side event will focus on lessons learned from and the way forward for the IAEA's Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS) peer reviews, harmonization of national inventories, and global international cooperation and status and trends in radioactive waste and spent fuel. This event is organized by the European Commission.

This event will be held on **Monday**, 16 September 2019, from 2.00 p.m. to 4.00 p.m. in Conference Room M7, M building, ground floor.

Peaceful Uses of Nuclear Technology including the International Wildlife Trade

This joint side event by South Africa and the United Kingdom will highlight the contribution nuclear technology plays in development including its role in other issues such as combatting the illegal wildlife trade. This event is organized by South Africa and the United Kingdom.

This event will be held on **Monday**, 16 September 2019, from 3.00 p.m. to 4.00 p.m. in Conference Room M5, M building, ground floor.

Nuclear Science and Technology as an Instrument to Promote Innovation and Solutions to Increase Living Standards

This event will focus on collaboration perspectives in nuclear science and technologies and discuss ways to efficiently integrate nuclear science and technology into a country's economy, industry, science and education development strategies in order to meet the United Nations sustainable development goals. This event is organized by the Russian Federation.

This event will be held on **Monday**, 16 September 2019, from 3.30 p.m. to 5.00 p.m. in Conference Room M4, M building, ground floor.

The Current Status of Fukushima Daiichi Nuclear Power Plant Decommissioning

This event will present what has been done in decontaminating and decommissioning Fukushima Daiichi and how world nuclear communities could upgrade their support for safer, more effective and accelerated progress. This event is organized by Japan.

This event will be held on **Monday**, 16 September 2019, from 4.00 p.m. to 6.00 p.m. in Conference Room C3, C building, seventh floor.

Tuesday, 17 September 2019***Nuclear Medicine from the Lab to the Patient: Innovative and Proven Highlights of Belgian Contributions to Nuclear Medicine***

For decades, Belgium has been a leading country in the promotion of nuclear medical applications. Being one of the largest producers of equipment and of medical radioisotopes for diagnostic and therapeutic applications, Belgium is continuously looking for new developments in the field that bring us closer to the patient. This event will give an overview of the main innovations that serve that end. This event is organized by Belgium.

This event will be held on **Tuesday**, 17 September 2019, from 9.00 a.m. to 11.00 a.m. in Conference Room C5, C building, seventh floor.

The NICE Future Initiative Year 2: The Flexible Nuclear Campaign and the Role of Nuclear in Future Clean Energy Systems

The event will highlight the Nuclear Innovation Clean Energy (NICE) Future initiative to inform countries considering cost effective clean energy options about the role nuclear energy can play in supporting the expanding role of renewables, as well as the new capabilities advanced nuclear reactors bring to the table. This event is organized by the United States of America.

This event will be held on **Tuesday**, 17 September 2019, from 10.00 a.m. to 11.30 a.m. in Conference Room C3, C building, seventh floor.

The European and Central Asian Safety (EuCAS) Network: A Platform for Nuclear and Radiation Safety in Europe and Central Asia

This side event will showcase the European and Central Asian Safety (EuCAS) Network which helps members to connect, collaborate and communicate on nuclear and radiation safety. Since 2016, EuCAS has provided a platform for information and experience sharing among regulatory bodies and technical and scientific support organizations. This side event is organized by Norway.

This event will be held on **Tuesday**, 17 September 2019, from 10.00 a.m. to 12.00 noon in Conference Room M5, M building, ground floor.

Small and Medium Sized and Modular Reactors (SMRs) to Power the Future: Opportunities and Challenges

This event will present the F-SMR project and feature a discussion among high level and key stakeholders involved. The event is organized by France.

This event will be held on **Tuesday**, 17 September 2019, from 11.00 a.m. to 12.30 p.m. in Conference Room G1, Austria Center Vienna, on -2 level.

Professional Community and Collaboration

This event will present experience in developing professional, youth and student communities to participate in nuclear projects, and the role of mentors and tutors in educating the new generation of engineers. It will showcase the contribution of companies to human resource development through early career guidance. The event is organized by the Russian Federation.

This event will be held on **Tuesday**, 17 September 2019, from 11.00 a.m. to 1.00 p.m. in Conference Room M4, M building, ground floor.

International Day for the Total Elimination of Nuclear Weapons

This event will commemorate the International Day for the Total Elimination of Nuclear Weapons. The event is organized by the Bolivarian Republic of Venezuela in its capacity as Chair of the Vienna Chapter of the Non-Aligned Movement (NAM).

This event will be held on **Tuesday**, 17 September 2019, from 11.30 a.m. to 12.30 p.m. at ESPACE M02, M building, second floor.

The Arab Network of Nuclear Regulators (ANNuR): Effective Partnerships for Nuclear Safety and Security in the Arab Region

This side event will showcase the Arab Network of Nuclear Regulators (ANNuR), which is a regional network that enables the exchange of information, knowledge, experiences and lessons learned among regulators in Arab countries. ANNuR plays a key role in sharing and maintaining the knowledge in nuclear safety and security, radiation protection, emergency preparedness. This side event is organized by Tunisia.

This event will be held on **Tuesday**, 17 September 2019, from 11.30 a.m. to 1.30 p.m. in Conference Room C4, C building, seventh floor.

Global Cancer Grid: Eliminating Disparities in Cancer Care Worldwide

This event will showcase the expansion of India's National Cancer Grid to other low and middle income countries to support documentation of the disease burden; provision of high quality cancer care, continuing medical education and trained manpower; and implementation of region-centric cost effective collaborative cancer research. This event is organized by India.

This event will be held on **Tuesday**, 17 September 2019, from 1.30 p.m. to 2.30 p.m. in Conference Room M6, M building, ground floor.

Improvements in Application of Nuclear Sciences in Human Health and Industry in the Islamic Republic of Iran

This event will consist of a short introduction on radiation applications in the Islamic Republic of Iran, and the capabilities of the Islamic Republic of Iran in indigenously supplying and meeting domestic needs in this area. The event will also introduce future programmes of the Islamic Republic of Iran in the field of nuclear sciences and applications in human health (nuclear medicine) and industry. This event is organized by the Islamic Republic of Iran.

This event will be held on **Tuesday**, 17 September 2019, from 1.30 p.m. to 3.00 p.m. in Conference Room M7, M building, ground floor.

Robots, Drones and Game Changing Brains: The Future Facing Story of UK Decommissioning

This side event will present how the United Kingdom uses innovative solutions in decommissioning across multiple sites; in harnessing the brightest minds to form the next generation of decommissioning experts; and in reducing costs and optimizing efficiency and safety of decommissioning through the United Kingdom's ambitious Nuclear Sector Deal. This event is organized by the United Kingdom.

This event will be held on **Tuesday**, 17 September 2019, from 2.00 p.m. to 3.00 p.m. in Conference Room C5, C building, seventh floor.

Light, the Way Forward: Advanced Light Sources for Peace and Development

Light sources are among the most important radiation facilities available for interdisciplinary research and innovation. This event will demonstrate their broad utility and how they may foster cooperation between Member States, as well as contributing to reversing brain drain and boosting technological capacity in developing countries. Speakers will illustrate these themes, accompanied by a short film. This event is organized by Jordan.

This event will be held on **Tuesday**, 17 September 2019, from 2.00 p.m. to 3.30 p.m. in Conference Room M5, M building, ground floor.

200 MW(th) Multipurpose Integrated Nuclear Heating Reactor

The event will feature the latest innovation in advanced small modular reactors in China. The Shanghai Nuclear Engineering Research and Design Institute will showcase the 200 MW(th) nuclear heating reactor called LandStar-1, a multipurpose integrated pressurized water reactor used for central heating of residence buildings and industrial steam supply. This event is organized by China.

This event will be held on **Tuesday**, 17 September 2019, from 2.00 p.m. to 4.30 p.m. in Conference Room C3, C building, seventh floor.

Preparing Future Generations to Support Nuclear Power Using Operating Experience and Lessons Learned from Operating Nuclear Power Programmes: The Veterans' Perspective

This event will discuss how lessons learned from the older fleets of nuclear plants can be used to ensure future generations of workers are better prepared to deal with technical issues associated with plant life management, demographic resource challenges as well as with the public understanding of nuclear power. This event is organized by the Russian Federation.

This event will be held on **Tuesday**, 17 September 2019, from 3.30 p.m. to 5.00 p.m. in Conference Room M7, M building, ground floor.

Uzbekistan — Nuclear Newcomer

This side event will present Uzbekistan's newly established Agency for the Development of Nuclear Energy (UzAtom) and the plans for construction of its first nuclear power plant. This side event is organized by Uzbekistan.

This event will be held on **Tuesday**, 17 September 2019, from 4.00 p.m. to 5.00 p.m. in Conference Room M4, M building, ground floor.

Laser-Driven Neutron Sources for Nuclear Applications

This event will introduce new technology to apply high-power laser systems as a driver for compact neutron sources for non-destructive evaluation, radiography and active interrogation of sensitive nuclear material. This event is organized by Germany.

This event will be held on **Tuesday**, 17 September 2019, from 4.00 p.m. to 5.30 p.m. in Conference Room C4, C building, seventh floor.

The Brazilian-Argentine Agency for Accounting and Control of Nuclear Materials (ABACC) Experience: Non-Proliferation and Safeguards through Regional Cooperation

On the 25th anniversary of the entry into force of the quadripartite agreement between Argentina, Brazil, the Brazilian-Argentine Agency for Accounting and Control of Nuclear Materials (ABACC), and the IAEA for the application of safeguards, this side event will discuss ABACC and its cooperation with the IAEA in coordinating inspections, its relationship with Euratom, and future challenges. This event is organized by ABACC.

This event will be held on **Tuesday**, 17 September 2019, from 4.30 p.m. to 6.00 p.m. in Conference Room M6, M building, ground floor.

Wednesday, 18 September 2019

Path to Global Deployment of Small Modular Reactors Based on Japan's High Temperature Gas Cooled Reactor Technology

The high temperature gas cooled reactor (HTGR) design, developed by Japan as a small modular reactor, is mature enough for near term deployment. This side event will focus on the HTGR deployment plan through international partnerships. It will also present the features of HTGR and discuss expectations of the international collaborators. This event is organized by Japan.

This event will be held on **Wednesday**, 18 September 2019, from 10.00 a.m. to 11.30 a.m. in Conference Room M7, M building, ground floor.

Convention on Supplementary Compensation for Nuclear Damage (CSC): Making Progress towards a Global Liability Regime

Contracting Parties to the CSC and legal experts will share information and updates concerning the accession to and ratification of the Convention and its contribution towards a global liability regime. Panelists will also discuss other developments in 2019, including the launch of the Group of Friends of the CSC in Vienna. This event is organized by Argentina on behalf of the Group of Friends of the CSC.

This event will be held on **Wednesday**, 18 September 2019, from 10.30 a.m. to 12.00 noon at ESPACE M01, M building, first floor.

US Leadership and Experience in the Development of Advanced Reactor Technologies

This event will discuss the latest technical and policy advancements on advanced reactor development in the United States of America, for the deployment of these technologies starting in the late 2020s to support clean energy, power generation and other industry applications. This event is organized by the United States of America.

This event will be held on **Wednesday**, 18 September 2019, from 11.00 a.m. to 12.30 p.m. in Conference Room C4, C building, seventh floor.

International Assistance for a Patient from the 1998 Lilo Radiological Accident

Following the radiological accident in Lilo, Georgia, the IAEA provided an assistance mission with the involvement of the Response and Assistance Network (RANET) in response to an official request from Georgia for medical support. This side event will explore the results of that mission with input from Georgia, the assisting State France, and the IAEA. This event is organized by Georgia.

This event will be held on **Wednesday**, 18 September 2019, from 11.00 a.m. to 1.00 p.m. in Conference Room M5, M building, ground floor.

Global Elimination of Highly Enriched Uranium from Medical Isotope Production and Non-HEU Medical Isotope Production Technologies

This event will highlight global progress towards eliminating highly enriched uranium (HEU) from medical isotope production and to showcase non-HEU medical isotope production technologies. This event is organized by the United States of America.

This event will be held on **Wednesday**, 18 September 2019, from 12.00 noon to 1.00 p.m. in Conference Room M4, M building, ground floor.

IFNEC — an Enabler of Cooperation in Peaceful Uses of Nuclear Energy

The International Framework for Nuclear Energy Cooperation (IFNEC) will present its activities, focusing on its Global Ministerial Conference 'Bringing the world SMRs and Advanced Nuclear Technology' taking place in November 2019 in the United States of America. It will also present regional outreach activities such as participation in the Africa Nuclear Business Platform in October 2019 in Kenya. This side event is organized by the United States of America.

This event will be held on **Wednesday**, 18 September 2019, from 12.30 p.m. to 2.00 p.m. at ESPACE M01, M building, first floor.

The New Brazilian Nuclear Policy and the Use of Nuclear Technology for the Benefit of Brazilian Society

This event will present the new Brazilian nuclear policy, enacted in December 2018, which supports nuclear activities in Brazil. The policy underpins the country's nuclear structure and aims to enhance regulation, the use of resources and activities related to nuclear technology used for the benefit of Brazilian society. The presentations will outline the policy, as well as the nuclear activities carried out in Brazil, highlighting the country's commitment to the peaceful use and the development of nuclear technology. This event is organized by Brazil.

This event will be held on **Wednesday**, 18 September 2019, from 1.00 p.m. to 2.30 p.m. in Conference Room M6, M building, ground floor.

The FASTNET Project for Structured and Faster Responses to Nuclear Emergencies

This event will showcase the FASTNET (FAST Nuclear Emergency Tools) project, which is coordinated by the IRSN (France) and involves 20 partners from 18 countries. It has improved the tools needed for a rapid response to emergencies at most nuclear power plants. Combined with a reference database of accident scenarios and a common assessment methodology, these tools will enable emergency centres to better protect the surrounding population. The event is organized by France.

This event will be held on **Wednesday**, 18 September 2019, from 1.00 p.m. to 3.00 p.m. at ESPACE M02, M building, second floor.

Achieving Sustainable Development Goals in Pakistan through the use of Nuclear Technology

Over the past six decades, Pakistan has increasingly applied nuclear technology to achieve sustainable development for its people. At this side event, Pakistan will showcase its experience in achieving sustainable development goals. This event is organized by Pakistan.

This event will be held on **Wednesday**, 18 September 2019, from 2.30 p.m. to 3.30 p.m. in Conference Room C3, C building, seventh floor.

The Ibero-American Forum of Radiological and Nuclear Regulatory Agencies (FORO): Enhancing Nuclear and Radiation Safety through Regional and International Cooperation

This side event will provide a forum for IAEA Member States to discuss measures to strengthen regulatory bodies through regional cooperation. It will present the experiences of the Ibero-American Forum of Radiological and Nuclear Regulatory Agencies and other regional initiatives, and identify areas for further collaboration among regional associations and networks. This side event is organized by Colombia.

This event will be held on **Wednesday**, 18 September 2019, from 3.00 p.m. to 5.00 p.m. in Conference Room M4, M building, ground floor.

Spotlight on Emerging and Expanding Nuclear Countries

This event will focus on the support needed by countries without existing nuclear power plants that are planning to introduce nuclear power or countries that are returning to nuclear power plant construction after a delay. The event will highlight the challenges such countries experience as well as lessons learned in managing risks during nuclear projects. The event is organized by Brazil.

This event will be held on **Wednesday**, 18 September 2019, from 3.00 p.m. to 5.00 p.m. in Conference Room M5, M building, ground floor.

Stronger Nuclear Security through Effective Cooperation: EU Support through Centres of Excellence in East and Central Africa

The European Commission's support to nuclear security Centres of Excellence in Eastern and Central Africa has resulted in stronger national and regional nuclear security. With EU support, including targeted activities and ample resources, the Centres use a holistic approach to identify nuclear security challenges and to develop and implement solutions. The event features briefings and a discussion.

This event is organized by the European Commission.

This event will be held on **Wednesday**, 18 September 2019, from 3.00 p.m. to 5.00 p.m. in Conference Room M6, M building, ground floor.

Nuclear Security Culture: International Perspectives

This side event showcases the United Kingdom's Nuclear Security Culture Programme, delivered by King's College London. The programme works to raise awareness of nuclear security in key organizations; support implementation of best practice approaches on nuclear security culture; and provide examples of how security culture helps sustain the peaceful uses of nuclear energy. This event is organized by the United Kingdom.

This event will be held on **Wednesday**, 18 September 2019, from 3.00 p.m. to 5.00 p.m. at ESPACE M01, M building, first floor.

Strengthening Public Trust: What it Takes to be a Trusted Regulator

Members of the public expect to be involved in nuclear regulatory and licensing processes. Public participation can build trust in those processes and regulators. This event will consider lessons learned from regulators who are taking steps to build and maintain public trust while regulating for safety.

This event is organized by Canada.

This event will be held on **Wednesday**, 18 September 2019, from 3.30 p.m. to 5.00 p.m. at ESPACE M02, M building, second floor.

Thursday, 19 September 2019***South–South Cooperation: Promoting Capacity Building in Nuclear Science and Technology***

At this side event, developing countries will showcase their efforts, with support from the IAEA, to strengthen South–South cooperation through sharing of experience and lessons learned, and to accelerate capacity building through active engagement. The side event will also address outreach activities to engage young generations. This event is organized by Indonesia.

This event will be held on **Thursday**, 19 September 2019, from 10.00 a.m. to 12.00 noon at ESPACE M01, M building, first floor.

Hosting a Nuclear Facility: Perspectives from Local Communities

This event will allow representatives of local communities hosting nuclear power plants or other nuclear fuel cycle facilities to share their views on the benefits and challenges of living near a nuclear installation. The event is co-organized by Canada, China, France, India, Japan, the Republic of Korea, the Russian Federation, the United Kingdom and the United States of America.

This event will be held on **Thursday**, 19 September 2019, from 10.30 a.m. to 12.30 p.m. in Conference Room M5, M building, ground floor.

Robotics and Automation Systems for Non-Destructive Examination (NDE) in Nuclear Power Plants: Integrity of System Structure, Component

Integrity of components is one of the most critical challenges for the stable and reliable operation of nuclear power plants. This side event will present advanced non-destructive examination and in-service inspection technology for nuclear power plants. It will provide a platform for the exchange of experience among participants in the use of these tools. This event is organized by Croatia.

This event will be held on **Thursday**, 19 September 2019 from 10.30 a.m. to 12.30 p.m. in Conference Room C4, C building, seventh floor.

Mainstreaming a Gender Perspective in the Nuclear Field: A Reflection on Concrete Future Steps

At this event, a panel of experts will share information about implementing gender mainstreaming in organizations, and propose ideas during a round-table discussion on gender perspective in the nuclear workplace, including sharing experiences and reflecting on future steps. This event is organized by Argentina.

This event will be held on **Thursday**, 19 September 2019, from 12.30 p.m. to 2.30 p.m. in Conference Room M6, M building, ground floor.

The Journey of Success of China in Geological Disposal of High Level Radioactive Waste

This side event will showcase the journey to success of the China–IAEA partnership in developing institutional infrastructure, human capacity and technical capabilities for geological disposal of high level radioactive waste. This event is organized by China.

This event will be held on **Thursday**, 19 September 2019, from 2.00 p.m. to 4.30 p.m. in Conference Room M7, M building, ground floor.

Forum of Nuclear Regulatory Bodies in Africa (FNRBA): Annual Plenary Meeting

The Forum of Nuclear Regulatory Bodies in Africa plenary meeting will discuss achievements from the past year and the Action Plan for the coming year. The meeting will also address other topics related to the governance of the Forum and elect new office holders. This event is organized by Cameroon.

This event will be held on **Thursday**, 19 September 2019, from 2.30 p.m. to 4.00 p.m. in Conference Room M6, M building, ground floor.

VISITS ORGANIZED IN CONJUNCTION WITH THE 63RD GENERAL CONFERENCE

To register for organized visits, interested delegates should follow the instructions provided for each visit. Kindly note that participation is not open to media representatives.

Tour of the IAEA Radiation Safety Technical Services Laboratory

This tour will showcase the IAEA Radiation Safety Technical Services Laboratory, which provides monitoring services to 3000 occupationally exposed workers annually for external and internal radiation exposure. The services are critical to Agency activities globally. Support services also include training, consultation and loan of survey equipment.

Tours will be offered on **Tuesday**, 17, **Wednesday**, 18 and on **Thursday**, 19 September 2019. The planned duration of each visit is one hour, **from 10.00 a.m. to 11.00 a.m.**

Prior registration for the tour is encouraged at the Nuclear Safety and Security exhibition booth outside plenary hall on M01, M building, first floor.

The assembly point is the Information Desk at the entrance to M building, from where participants will be picked up on the respective day **at 9.50 a.m.**

Tour of the Incident and Emergency Centre: Gain Insights into IAEA Emergency Preparedness and Response

The IAEA Incident and Emergency Centre is the global focal point of emergency preparedness and response for nuclear or radiological emergencies. This tour provides an insight into its operations and capabilities.

Tours will be offered on **Tuesday**, 17, **Wednesday**, 18 and **Thursday**, 19 September 2019. The planned duration of each visit is 1 hour, **from 12.00 noon to 1.00 p.m.**

To register, interested delegates should please send an email, in advance, to Ms Sinead Harvey (s.harvey@iaea.org) stating first and family name, affiliation, delegation and telephone number.

The assembly point is the Information Desk at the entrance to M building, from where participants will be picked up on the respective day **at 11.50 a.m.**

Visit of the IAEA Isotope Hydrology Laboratory in Vienna

Delegates will have the opportunity to visit the IAEA Isotope Hydrology Laboratory that provides analytical support to the Agency's water resources programme, training for scientists from Member States and quality assurance services to isotope hydrology laboratories worldwide. It also develops hydrology laboratory instruments for transfer to Member States.

A visit will be offered on **Tuesday**, 17 September 2019 **from 2.00 p.m. to 3.00 p.m.**

To register, interested delegates should please send an email, in advance, to Mr Takuya Matsumoto (t.matsumoto@iaea.org) stating first and family name, affiliation, delegation and telephone number.

The assembly point is the Information Desk at the entrance to M building, from where participants will be picked up on **Tuesday**, 17 September **at 1.50 p.m.**

Tour of the IAEA's Safeguards Analytical Laboratories in Seibersdorf, Austria

Visitors to the IAEA Safeguards Laboratories, located in Seibersdorf, Austria, will see how the IAEA analyses nuclear material and environmental samples to help verify that States are honouring their international nuclear non-proliferation commitments.

The tour will be offered on **Wednesday**, 18 September 2019. The planned duration of the tour is 4 hours, **from 9.00 a.m. to 1.00 p.m.**

Prior registration for the tour is required by **12.00 noon** on **Tuesday**, 17 September 2019 at the Safeguards exhibition booth outside the plenary hall on M01, M building, first floor.

Buses will take visitors from the VIC to Seibersdorf, and return 4 hours later. Due to space constraints, a maximum of 60 visitors can be accommodated.

For transportation to Seibersdorf, participants are asked to assemble at the Information Desk at the entrance of M building on **Wednesday**, 18 September **at 8.50 a.m.**

Tours of the IAEA's Nuclear Applications Laboratories in Seibersdorf, Austria

An opportunity to visit the IAEA's Nuclear Applications (NA) laboratories, located in Seibersdorf, Austria, will be offered to delegates. Visitors will receive information about how the eight laboratories provide support to and work with Member States in the peaceful application of nuclear and nuclear-related techniques for development and environmental protection in the diverse areas of food and agriculture, medical dosimetry, terrestrial environment and nuclear instrumentation.

The tour will be offered on **Thursday**, 19 September 2019. The planned duration of the tour is 4 hours, **from 9.00 a.m. to 1.00 p.m.**

To register, please send an email by not later than **12 noon** on **Tuesday**, 17 September 2019, to Ms Nanette Azucena (o.azucena@iaea.org) stating first and family name, affiliation, delegation and telephone number.

Buses will take visitors from the VIC to Seibersdorf, and return 4 hours later. Due to space constraints, a maximum of 60 visitors can be accommodated.

The assembly point for bus transportation is the Information Desk at the entrance to M building, from where participants will be picked up and guided to the buses on **Thursday**, 19 September at 8.50 a.m.

Safeguards Equipment Insight: Non-Destructive Assay, Surveillance, Unattended Monitoring, Seals and Containment

During this tour of the Safeguards equipment laboratories, visitors can learn more about the verification equipment that supports the IAEA's verification mission, including non-destructive assay equipment; surveillance and unattended monitoring capabilities; and the seals and containment applied to nuclear material.

The tour will be offered on **Tuesday**, 17 September 2019 **from 1.00 p.m. to 2.00 p.m.**

Prior registration for the tour is required at the Safeguards exhibition booth outside the plenary hall on M01, M building, first floor.

The tour will start at the Information Desk at the entrance to M building on **Tuesday**, 17 September at 12.50 p.m.

Safeguards Equipment Insight: Asset Management and Monitoring Equipment for Radiation

During this tour of the Safeguards equipment laboratories, visitors can learn about the safeguards equipment used by IAEA safeguards inspectors; from the preparation of equipment to be taken into the field, via the shipment of the equipment, to its return to IAEA Headquarters.

The tour will be offered on **Wednesday**, 18 September 2019 **from 1.30 p.m. to 2.30 p.m.**

Prior registration for the tour is required at the Safeguards exhibition booth outside the plenary hall on M01, M building, first floor.

The tour will start at the Information Desk at the entrance to M building on **Wednesday**, 18 September **at 1.20 p.m.**

Safeguards Equipment Insight: New Spent Fuel Verification Activities for Safeguards

Verifying spent nuclear fuel can pose a challenge. This tour of the Safeguards equipment laboratories will present spent fuel verification technology, including the latest developments in supporting the IAEA's verification effort.

The tour will be offered on **Thursday**, 19 September 2019 **from 1.00 p.m. to 2.00 p.m.**

Prior registration for the tour is required at the Safeguards exhibition booth outside the plenary hall on M01, M building, first floor.

The tour will start at the Information Desk at the entrance to M building on **Thursday**, 19 September at 12.50 p.m.

Safeguards Equipment Insight: Passive Gamma Emission Tomography for the Verification of Spent Nuclear Fuel

Passive gamma emission tomography (PGET), the newly-developed capability for the underwater verification of spent nuclear fuel, takes tomographic images to detect missing fuel pins and verify pins in closed containers. This in-laboratory demonstration will show the operation of PGET and present data analysis functions.

The demonstration will be offered on **Friday**, 20 September 2019 **from 10.00 a.m. to 11.00 a.m.**

Prior registration for the demonstration is required at the Safeguards exhibition booth outside the plenary hall on M01, M building, first floor.

Participants are asked to assemble at the Information Desk at the entrance to M building on **Friday**, 20 September **at 9.50 a.m.**