

## Events organized and/or co-sponsored by the Secretariat during the 62nd General Conference

### Monday, 17 September 2018

#### **An interactive demonstration of the use of virtual reality in emergency preparedness and response**

Participants can try their hands at virtual reality emergency response exercises that are part of the IAEA Incident and Emergency Centre's training programme. Lessons learned from the use of the technology will be highlighted. The Incident and Emergency Centre (IEC) has developed virtual reality emergency response exercises in which participants practice how to respond to nuclear and radiological emergencies. The IEC will demonstrate the exercise scenarios that have been built into the annual training programme for Emergency Preparedness and Response, including for the IAEA School of Radiation Emergency Management. This event will be held **on Monday, 17 September 2018, from 11.00 a.m. to 1.00 p.m. at ESPACE M0E, M building, ground floor.**

#### **Road to ReNuAL: Progress in implementation and next steps**

This side event will reflect on the progress made in the ReNuAL/ReNuAL+ projects, milestones, planned events and immediate and future targets. This event will be held **on Monday, 17 September 2018, from 12.00 noon to 1.00 p.m. at the entrance to M building leading to A building.**

#### **Nuclear Energy Capacity Building Hub**

Presentation of the new digital platform focusing on workforce planning, leadership, training, stakeholder involvement and human performance to support countries with operating nuclear power plants and those considering or developing new nuclear power programmes. This event will be held **on Monday, 17 September 2018, from 1.30 p.m. to 2.00 p.m. at ESPACE M0E, M building, ground floor.**

#### **Treaty Event**

The Treaty Event aims to promote universal adherence to multilateral treaties for which the Director General of the IAEA is depositary, notably those related to nuclear safety and security as well as to civil liability for nuclear damage. In this respect, as was the case in previous years, the Event provides an additional opportunity to deposit instruments of ratification, acceptance, approval or accession. The Treaty Event this year will have a special focus on the Convention on Nuclear Safety and the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management. This event will be held **on Monday, 17 September 2018, from 2.00 p.m. to 3.00 p.m. in Meeting Room M0E 68, M building, ground floor.**

#### **Disused Sealed Radioactive Sources**

Hands-on demonstration of handling Disused Sealed Radioactive Sources (DSRS). This event will be held **on Monday, 17 September 2018, from 2.30 p.m. to 3.30 p.m. at ESPACE M0E, M building, ground floor.**

## **Energy Planning**

Presentation of the IAEA's energy planning tools used by approximately 150 Member States (regardless of their interest in nuclear power). This event will be held **on Monday, 17 September 2018, from 4.00 p.m. to 4.30 p.m. at ESPACE M0E, M building, ground floor.**

## **Tuesday, 18 September 2018**

### **Achieving gender equality: Leadership in action**

Understanding that leadership and the tone from the top are key to achieving commitment on gender equality, this event will explore what leadership in action looks like, and specifically:

- What works in leadership to get people on board and sustain enthusiasm and commitment
- How gender and diversity impact on leadership styles/approaches
- How to put mainstreaming in action and how individuals at all levels can promote gender equality

Panellists will include leaders from Permanent Missions, the nuclear industry and academia.

This event will be held **on Tuesday, 18 September 2018, from 8.30 a.m. to 10.00 a.m. in the Mozart Room, VIC Restaurant.**

### **Faces of Safeguards: The State Declarations Portal – The efficient way to submit Safeguards reports and declarations**

The new, Modernization of the Safeguards Information Technology (MOSAIC)-built, State Declarations Portal provides an online method for State and regional authorities to communicate with the IAEA Department of Safeguards. Learn how the new portal enables State and regional authorities to submit Safeguards reports and declarations to the Department of Safeguards more efficiently. This event will be held **on Tuesday, 18 September 2018, from 9.30 a.m. to 10.00 a.m. at ESPACE M0E, M building, ground floor.**

### **Improving safeguards implementation in Member States – collaboration within the IAEA and with Member States**

Co-organised by the Departments of Safeguards and Nuclear Energy to reach out to the Member States with regards to the services available to them, this event will highlight the following: Assistance to Member States in implementing safeguards through safeguards advisory service missions (ISSAS), with over 20 missions in the last 8 years and continuing to assist states in establishing and improving their state systems.

Working together with NE, in providing support to new comer states through Integrated Nuclear Infrastructure Review (INIR) missions, promoting development of nuclear power.

In collaboration with Member States, Safeguards training on State System of Accounting for and Control of Nuclear Material (SSAC) course offers Member States the opportunity to improve their capacity and learn best practices (through national, regional and international courses). Through the Traineeship programme providing training in the nuclear fuel cycle and safeguards, the Department has trained over 150 trainees since the first traineeship programme was launched in 1983. This event will be held **on Tuesday, 18 September 2018, from 10.00 a.m. to 11.30 a.m. in Conference Room C4, C building, seventh floor.**

### **Strengthening safety in nuclear medicine – Accident prevention**

Nuclear medicine, which involves the use of radioactive substances in medical diagnosis and treatment, benefits patients around the world. However, there is a risk that patients, staff and the public are unintentionally exposed to radiation. Such accidental exposures can occur at any stage in the nuclear medicine process, from the production of radiopharmaceuticals to after the patient's release from hospital. This event focuses on how to prevent nuclear medicine accidents and on the IAEA resources available to Member States to strengthen the quality and safety of nuclear medicine. The session will also highlight risks in nuclear medicine processes, quality management aspects and typical causes of and contributing factors to unintended and accidental exposures. This event will be held **on Tuesday, 18 September 2018, from 10.30 a.m. to 12.00 noon in Conference Room M5, M building, ground floor.**

### **Spent Fuel and Radioactive Waste Information System**

Presentation of the IAEA Online Information Resource for Spent Fuel and Radioactive Waste Management. This event will be held **on Tuesday, 18 September 2018, from 1.30 p.m. to 2.00 p.m. at ESPACE M0E, M building, ground floor.**

### **Technical cooperation: Delivering Results - Together we can make a change in fighting cancer**

This event will showcase the TC programme support to Member State efforts to address cancer, including support for capacity building, technical support and various financing approaches. This event will be held **on Tuesday, 18 September 2018, from 2.30 p.m. to 4.00 p.m. in Conference Room C3, C building, seventh floor.**

### **Status and Trends Project: Update**

Presentation of Status and Trends in Spent Fuel and Radioactive Waste Management, a collaborative project undertaken by the IAEA, OECD/NEA and the European Commission. This event will be held **on Tuesday, 18 September 2018, from 4.00 p.m. to 4.30 p.m. at ESPACE M0E, M building, ground floor.**

## **Wednesday, 19 September 2018**

### **Female cancers and the role of radiation medicine in diagnosis and treatment**

This side event will review the use of radiation in the diagnosis and treatment of female cancers in low- and middle-income countries and will provide an update on cervical cancer initiatives through the UN Joint Global Programme on cervical cancer prevention and control. This event will be held **on Wednesday, 19 September 2018, from 9.00 a.m. to 10.30 a.m. in Conference Room C4, C building, seventh floor.**

### **Nuclear operators' forum: Challenges for member states expanding nuclear power programmes**

This forum will provide an opportunity for Member States to share and discuss current and future challenges related to the expansion of their nuclear power programmes. The discussion will cover engineering, management and human resource issues Member States face when expanding their nuclear power programmes and when replacing existing nuclear power plants. This event will be held **on Wednesday, 19 September 2018, from 9.30 a.m. to 11.00 a.m. in Conference Room C3, C building, seventh floor.**

### **Fusion energy for peace and sustainable development and 'Let There Be Light' – a film about the quest for fusion**

This side event will be in the form of a panel from organizations, including the International Thermonuclear Experimental Reactor and Max Planck Institute — where the most recent advances in fusion research and technology are happening — presenting the current status of harnessing nuclear fusion based energy and discussing the way forward.

'Let There Be Light', a film about the quest for fusion tells the story of dedicated scientists working to make fusion a reality. The movie is directed by Mila Aung-Thwin and Van Royoko, and features Bernard Bigot and Sibylle Gunter, who are keynote speakers at the side event. This event and film will be held **on Wednesday, 19 September 2018, from 9.30 a.m. to 12.00 noon at ESPACE M0E, M building, ground floor.**

### **Fifth Plenary Meeting of the Global Nuclear Safety and Security Network**

The Plenary meeting will provide a forum for IAEA Member States to discuss safety related to Small Modular Reactors. Meeting participants will also discuss their experiences of managing the safety and security interface. This event will be held **on Wednesday, 19 September 2018, from 9.30 a.m. to 12.30 p.m. in Conference Room M6, M building, ground floor.**

### **Presenting the Intercontinental Nuclear Institute: How it Benefits Member States**

This event will showcase the Intercontinental Nuclear Institute (INI), focusing on benefits to Member States, and featuring the experiences of some INI alumni. This event will be held **on Wednesday, 19 September 2018, from 10.30 a.m. to 12.00 noon in Conference Room M5, M building, ground floor.**

### **Addressing the burden of infectious diseases with nuclear techniques**

This side event will focus on the role of molecular imaging in detecting pathophysiological changes related to infection. In addition, the side event will discuss the role of stable isotope techniques to help track metabolic changes that allow the design and monitoring of nutritional interventions for improved treatment outcomes. This event will be held **on Wednesday, 19 September 2018, from 11.00 a.m. to 12.30 p.m. in Conference Room C4, C building, seventh floor.**

**Preparing the next generation of the nuclear workforce: Sharing, sustaining and developing knowledge**

Establishing successful retention, knowledge transfer, mentoring, leadership development, training and capacity building programmes is one of the industry's most significant challenges. This side event will cover the strategies for knowledge transfer from nuclear industry veterans to young professionals, and 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 Wednesday, 19 September 2018, from 11.30 a.m. to 1.30 p.m. in Conference Room M7, M building, ground floor.**

**Faces of Safeguards: Introducing robotics technology for future Safeguards verification activities**

Some of the most common tasks undertaken by the IAEA inspectors involve making repetitive measurements in areas that can be difficult to access, or that have elevated radiation levels. This is a domain where robotics could play a role, not only to improve the working conditions of the inspectors but also to enhance the consistency of the IAEA measurements. The presentation will also give a foresight of future technology challenges. This event will be held **on Wednesday, 19 September 2018, from 1.30 p.m. to 2.00 p.m. in ESPACE M0E, M building, ground floor.**

**Inspiring women working in nuclear science and technology in IAEA Member States and contributing to the development in their countries**

Four women from the African region, leading figures in their fields and role models to the young generation of women, will hold a panel discussion to raise awareness of the need to include more women in nuclear science and technology. This event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 4.00 p.m. in Conference Room C02 13, C building, second floor.**

**IAEA Assistance to Member States in line with the INSAG-27 report on institutional strength in depth**

The side event will present the 2017 INSAG-27 report, 'Ensuring Robust National Nuclear Safety Systems – Institutional Strength in Depth'. The session will place the report in the context of IAEA safety standards and activities that support Member States in actions related to the document. Speakers will highlight changes to IAEA safety standards, procedures and services carried out in line with the observations and lessons related to human and organizational factors included in the 2015 IAEA publication, 'The Fukushima Daiichi Accident', a report by the Director General. The session will include a roundtable discussion. This event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 5.00 p.m. in Meeting Room M0E 03, M building, ground floor.**

**IAEA support for Member States embarking on nuclear power: 10 Years of the Milestones Approach and INIR Missions – Lessons Learned**

The IAEA has, to date, conducted 24 Integrated Nuclear Infrastructure Review (INIR) missions, starting with Jordan in 2009. The side event will provide an overview of IAEA support to embarking Member States, and will highlight the Milestones Approach, present key findings from the INIR missions and report on recent INIR missions. This event will be held **on Wednesday, 19 September 2018, from 2.30 p.m. to 4.00 p.m. in Conference Room C4, C building, seventh floor.**

### **Innovative solutions for the effective management of Disused Sealed Radioactive Sources**

This event will present solutions that support Member States in meeting the safety and security challenges posed by Disused Sealed Radioactive Sources, and will present proposed and successfully implemented Member State solutions, including results achieved and lessons learned. This event will be held **on Wednesday, 19 September 2018, from 4.00 p.m. to 5.30 p.m. in Conference Room M5, M building, ground floor.**

**Thursday, 20 September 2018**

### **Faces of Safeguards: The Integrated Safeguards Environment (ISE) Portal - the Modernization of the Safeguards Information Technology (MOSAIC) - developed one-stop shop for Safeguards**

The SIRIUS project brings together Safeguards information in a single portal, and this event describes how this portal is supporting Safeguards staff to perform activities, evaluate results and establish findings. Special attention will be paid to the portal's geospatial capabilities, which enhance how Safeguards information is displayed and analysed. This event will be held **on Thursday, 20 September 2018, from 9.30 a.m. to 10.00 a.m. at ESPACE M0E, M building, ground floor.**

### **Recruitment at the IAEA – Strengthening outreach and partnerships to attract talent**

This session will foster collaboration with Permanent Missions to increase the qualified talent pool, to promote geographical distribution and diversity in the workforce. The session will also highlight outreach activities such as webinars and partnership opportunities such as JPOs, CFEs and internships. This event will be held **on Thursday, 20 September 2018, from 10.00 a.m. to 11.00 a.m. in Conference Room C02 13, C building, second floor.**

### **UDEPO map**

Presentation of the new World Distribution of Uranium Deposits (UDEPO) database of uranium deposits in the world. This event will be held **on Thursday, 20 September 2018, from 10.30 a.m. to 11.00 a.m. at ESPACE M0E, M building, ground floor.**

### **Non-Destructive Testing: Methods and techniques for civil structures in pre- and post-management of natural disasters**

This side event will present examples from Member States where nuclear techniques have proved to be valuable in identifying structural weaknesses in the aftermath of natural disasters using Non-Destructive Testing methods. It will highlight the support the IAEA provides to Member States for building capacity to apply these methods to verify the integrity of key infrastructure and cultural heritage sites, using these methods. Another nuclear technique, referred to as radiotracers, can also be utilized to assess the structural integrity of buried water distribution networks for underground leakages when they are broken or damaged. This event will be held **on Thursday, 20 September 2018, from 11.00 a.m. to 12.30 p.m. in Conference Room M6, M building, ground floor.**

### **IAEA CONNECT, E-tools, Wikis**

Presentation of IAEA CONNECT platform that hosts various IAEA's professional networks, e-learning, wikis and discussion forums. This event will be held **on Thursday, 20 September 2018, from 11.30 a.m. to 12.00 noon at ESPACE M0E, M building, ground floor.**

### **Integrated Nuclear Infrastructure Review for Research Reactors**

Presentation of the IAEA's Integrated Nuclear Infrastructure Review for Research Reactors This event will be held **on Thursday, 20 September 2018, from 12.30 p.m. to 1.30 p.m. at ESPACE M01, M building, first floor.**

### **Faces of Safeguards: Evolution of Non-Destructive Assay for Safeguards verification activities**

The purpose is to explain and show various areas of Safeguards, challenges faced and innovations implemented. This particular session will focus on how Non-Destructive Assay techniques are benefitting from modern operation techniques and technological progress. It will present the remote operation of the Passive Gamma Emission Tomography system and the coming Fast Neutron Collar system. This event will be held **on Thursday, 20 September 2018, from 1.30 p.m. to 2.00 p.m. at ESPACE M0E, M building, ground floor.**

### **Sustaining a national nuclear security regime: How to maintain effectiveness over time**

This side event looks at existing and upcoming IAEA guidance documents to explain sustainable nuclear security at the national and operational levels. It will highlight the Integrated Nuclear Security Support Plan process, which provides for a comprehensive assessment of States' nuclear security needs, and assists them in planning national improvements. The interactive session will also look at the role of the Nuclear Security Support Centres (NSSCs), which are national institutions dedicated to developing the human resources and technical and scientific support capabilities needed to sustain the national regime, and of the IAEA-supported NSSC Network, which fosters international cooperation among NSSCs. This event will be held **on Thursday, 20 September 2018, from 2.00 p.m. to 3.30 p.m. in Conference Room C4, C building, seventh floor.**

### **Internet Reactor Laboratory**

Presentation on benefits of Internet Reactor Laboratory (IRL) programme: feedback by countries that receive experiments through IRL. This event will be held **on Thursday, 20 September 2018, from 2.30 p.m. to 3.00 p.m. at ESPACE M0E, M building, ground floor.**

## **Friday, 21 September 2018**

### **Regulatory Cooperation Forum Plenary**

Regulatory Cooperation Forum members and non-members will share regulatory infrastructure development experience and knowledge. This event will be held **on Friday, 21 September 2018, from 9.30 a.m. to 12.30 p.m. in Conference Room C4, C building, seventh floor.**

## Events organized by Member States during the 62nd General Conference

**Monday, 17 September 2018**

### **Physical and cyber security of nuclear facilities**

This event shares the United Kingdom's experience and the collaborative approach among policy makers, regulators and industry for the development of best practice solutions for physical and cyber nuclear security. This event is organized by the United Kingdom. The event will be held **on Monday, 17 September 2018, from 1.30 p.m. to 2.30 p.m. in Conference Room C4, C building, seventh floor.**

### **Canada's Small Modular Reactor Roadmap: Co-creating the Path Forward**

The event will feature presentations by the Canadian government, regulatory, laboratory and industry representatives on the Canadian Small Modular Reactor (SMR) Roadmap, and discussion of Canada's path forward and key areas for international collaboration. This event is organized by Canada. The event will be held **on Monday, 17 September 2018, from 1.30 p.m. to 3.00 p.m. in Conference Room M7, M building, ground floor.**

### **Review of Sogin's plans for dismantling of Garigliano and Trino reactor pressure vessels: Results**

This event will feature presentations of Sogin's plans for dismantling the Garigliano and Trino reactor pressure vessels, facilities that were subject to IAEA Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS). This event is organized by Italy. The event will be held **on Monday, 17 September 2018, from 2.00 p.m. to 3.30 p.m. in Conference Room C5, C building, seventh floor.**

### **Brazilian Nuclear Programme**

This outreach event will contribute to a better understanding of the Brazilian national nuclear programme. The presentation will provide an overview of the different areas of the programme and will highlight activities and issues related particularly to energy production, technology application and defence, including aspects of the development of a nuclear propulsion submarine. It will also present the Brazilian navy's role in the nuclear programme. This event is organized by Brazil. The event will be held **on Monday, 17 September 2018, from 3.00 p.m. to 4.00 p.m. at ESPACE M01, M building, first floor.**

### **Accelerated progress in Fukushima Daiichi (1F) Decontamination and Decommissioning (D&D)**

A dialogue between representatives from Japan and the audience will reveal the remarkable progress that has been achieved at Fukushima Daiichi (1F) after seven years. This event is organized by Japan. The event will be held **on Monday, 17 September 2018, from 3.00 p.m. to 5.00 p.m. in Conference Room C4, C building, seventh floor.**



### **Nuclear digital transformation: Examples from the French nuclear industry**

Numerous initiatives by large companies, SMEs and start-ups are under way in various fields. This event provides an opportunity to meet pioneers of the digital transformation and to share practical cases. This event is organized by France. The event will be held **on Monday, 17 September 2018, from 4.00 p.m. to 6.00 p.m. in Conference Room C3, C building, seventh floor.**

## **Tuesday, 18 September 2018**

### **Strengthening collaborative efforts in the High Temperature Reactor community**

High Temperature Reactors (HTRs) are one of the advanced innovative reactor technologies ready for near-term commercial deployment. This side event will explore opportunities for and impediments to collaboration in the HTR community. This event is organized by Indonesia. The event will be held **on Tuesday, 18 September 2018, from 9.00 a.m. to 10.30 a.m. in Conference Room M6, M building, ground floor.**

### **Forum of Nuclear Regulatory Bodies in Africa (FNRBA)**

The FNRBA plenary, hosted by Cameroon, will share recent achievements in enhancing nuclear and radiation safety in Africa, and will adopt a strategic action plan for the upcoming year. This event is organized by Cameroon. The event will be held **on Tuesday, 18 September 2018, from 9.00 a.m. to 11.00 a.m. in Conference Room C5, C building, seventh floor.**

### **Nuclear Analytical Techniques in Forensic Science**

This side event will illustrate how Portugal is developing and applying nuclear analytical techniques in forensic science in cooperation with the IAEA. The side event will focus on actual cases and success stories where nuclear techniques have been used in different areas of forensics applications namely food safety and health-related issues, crime investigation, cultural heritage artefacts and environmental samples. This event is organized by Portugal. The event will be held **on Tuesday, 18 September 2018, from 10.30 a.m. to 12.00 noon in Conference Room C3, C building, seventh 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). The event will be held **on Tuesday, 18 September 2018, from 11.00 a.m. to 12.00 noon at ESPACE M01, M building, first floor.**

### **The time is now – remediating Central Asia’s uranium legacy sites**

The event highlights the coordinated approach to remediation of the enduring uranium legacies in Central Asia. This event is co-organized by Kyrgyzstan, Tajikistan and Uzbekistan. The event will be held **on Tuesday, 18 September 2018, from 11.00 a.m. to 1.00 p.m. in Conference Room M7, M building, ground floor.**

### **Denials and Delays of Shipments of Nuclear and Other Radioactive Materials**

The event raises awareness of potential problems that affect the transport of radioactive material which may result in occurrences of delay and denial of shipments. General Conference Resolution IAEA GC(61)/RES/8 and IMO FAL 42/16/1 relate to these occurrences and this event discusses ways their findings and recommendations could be addressed. This event is organized by Brazil. The event will be held **on Tuesday, 18 September 2018, from 11.30 a.m. to 1.00 p.m. in Conference Room M6, M building, ground floor.**

### **Arab Network of Nuclear Regulators (ANNuR)**

The ANNuR plenary is hosted by the Arab Atomic Energy Agency, which is based in Tunisia. The meeting contributes to the network's goal of fostering enhanced, stronger and more harmonized regulatory infrastructure and frameworks in its Member States. The meeting will provide information about IAEA training on regulatory inspection programmes for research reactors, a new sample manual for the management of safety reviews, and activities implemented in cooperation with international partners. This event is organized by Tunisia. The event will be held **on Tuesday, 18 September 2018, from 11.30 a.m. to 1.30 p.m. in Conference Room C0213, C building, second floor.**

### **30th Anniversary of Cooperation: United States Department of Energy (DOE) and Japan Atomic Energy Agency (JAEA) on nuclear non-proliferation**

This event will be a short ceremony that consists of a brief explanation of the history of cooperation between the US and Japan and messages of congratulation from the US and Japanese Governments. This event is organized by Japan. The event will be held **on Tuesday, 18 September 2018, from 12.00 noon to 12.30 p.m. at ESPACE M0E, M building, ground floor.**

### **UAE peaceful nuclear programme: Towards commissioning of the first Nuclear Power Plant**

The side event will present updates of the UAE Nuclear Power Programme, and will discuss the outlook for the next phase of the programme. This event is organized by the United Arab Emirates. The event will be held **on Tuesday, 18 September 2018, from 12.00 noon to 1.00 p.m. in the Mozart Room, VIC Restaurant.**

### **The French touch to Nuclear human capacity building**

French experts will present their solution for human capacity building for each phase of nuclear power programme development. This event is organized by France. The event will be held **on Tuesday, 18 September 2018, from 12.30 p.m. to 1.30 p.m. in Conference Room C3, C building, seventh floor.**

### **Furthering international cooperation in the uses of nuclear energy for peaceful purposes**

The International Framework for Nuclear Energy Cooperation (IFNEC) will present its latest activities including details on the objectives and key issues to be addressed during the joint IFNEC/Nuclear Innovation Clean Energy Future Conference, 'Challenges and Opportunities Facing Nuclear Energy in an Energy Transitions Context: innovation and actions to advance clean nuclear energy' scheduled for 13-14 November 2018 in Tokyo, Japan. This event is organized by Argentina. The event will be held

**on Tuesday, 18 September 2018, from 2.00 p.m. to 3.00 p.m. in Conference Room C5, C building, seventh floor.**

#### **Management of research reactors for sustainable operation: Looking back to move forward**

Operation, management and utilization of research reactors present challenges for many Member States. The side event will showcase efforts by Member States, especially by developing countries, to respond to those challenges and discuss how best to move forward with national capacity and the research reactor community. This event is organized by Indonesia. The event will be held **on Tuesday, 18 September 2018, from 2.00 p.m. to 3.30 p.m. in Conference Room C4, C building, seventh floor.**

#### **Lessons Learned from the third international symposium on Highly Enriched Uranium (HEU) minimization**

This event will inform participants about the discussions and outcomes of the third international symposium on HEU minimization, held in Norway on 5 to 7 June 2018, in cooperation with the IAEA. This event is organized by Norway. The event will be held **on Tuesday, 18 September 2018, from 2.00 p.m. to 3.30 p.m. in Conference Room C02 13, C building, second floor.**

#### **Cooperation with vendors as a prerequisite to success for newcomers**

This event will highlight how the cooperation of customers and vendors is planned, implemented and tailored to whatever needs arise from the inception of a project up to the commissioning of a nuclear power plant. This event is organized by Belarus. The event will be held **on Tuesday, 18 September 2018, from 4.00 p.m. to 5.00 p.m. in Conference Room M7, M building, ground floor.**

#### **China's advanced passive reactors: Commitment to building an inclusive, clean and beautiful world**

This event will feature the latest innovation in advanced passive nuclear power plant developments in China, and China's efforts to provide the best solutions for nuclear power technology. The event is organized by China. This event will be held **on Tuesday, 18 September 2018, from 4.00 p.m. to 5.30 p.m. in Conference Room C4, C building, seventh floor.**

#### **Multi-purpose Hybrid Research Reactor for High-tech Applications (MYRRHA): A cornerstone of the strategy for closing the nuclear fuel cycle**

MYRRHA will be the world's first high power accelerator driven system. The €1.6 billion project will result in the creation of a large international nuclear research infrastructure. This event is organized by Belgium. The event will be held **on Tuesday, 18 September 2018, from 4.00 p.m. to 6.00 p.m. in Conference Room C5, C building, seventh floor.**

#### **The US support of the Peaceful Uses Initiative (PUI) for nuclear infrastructure development**

The side event will discuss US support for the PUI for nuclear infrastructure development and the benefits to Member States of cooperation on issues such as workforce planning and management systems. This event is organized by the United States of America. The event will be held **on Tuesday, 18 September 2018, from 4.30 p.m. to 6.00 p.m. in Conference Room C3, C building, seventh floor.**

## Wednesday, 19 September 2018

### **Safety culture forum: Sweden**

This side event will provide an opportunity for the Swedish Radiation Safety Authority to explain why they chose to participate in a first-of-its-kind safety culture forum and to present views on the successful outcomes. This event is organized by Sweden. The event will be held **on Wednesday, 19 September 2018, from 10.00 a.m. to 1.30 p.m. in Conference Room C02 13, C building, second floor.**

### **Friends of the Convention on Supplementary Compensation for Nuclear Damage (CSC)**

Member Countries at the CSC will share information and experience concerning the Convention with each other and other interested countries to encourage more countries to consider CSC membership. This event is organized by the United States of America. The event will be held **on Wednesday, 19 September 2018, from 10.30 a.m. to 12.00 noon in Conference Room M4, M building, ground floor.**

### **Contribution to capacity building in Africa**

Morocco will share its experience in human resource development in nuclear technology as applied to socioeconomic sectors (human health, food and agriculture, water and environment). This event is organized by Morocco. The event will be held **on Wednesday, 19 September 2018, from 11.30 a.m. to 1.00 p.m. in Conference Room C3, C building, seventh floor.**

### **Coastal and shipping states dialogue**

This is the regular meeting of states shipping nuclear material — particularly the UK, France and Japan — with the states where this material passes close to their coasts. This event is organized by Ireland. This event will be held **on Wednesday, 19 September 2018, from 12.30 p.m. to 1.30 p.m. in Conference Room M5, M building, ground floor.**

### **The prospects and challenges of uranium production in Brazil: a commitment to nuclear safety**

This side event will present the activities developed by the nuclear fuel cycle facilities in Brazil, with particular focus on the prospects and challenges related to the uranium production, taking into account stakeholders' involvement and the commitment to nuclear safety. This event is organized by Brazil. This event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 3.30 p.m. at ESPACE M01, M building, first floor.**

### **The US perspective on the direction of nuclear energy technology development and deployment**

At this event, the US government and industry speakers will review the latest developments in US nuclear energy technologies and capabilities to support other countries' nuclear development. This event is organized by the United States of America. The event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 3.30 p.m. in Conference Room C3, C building, seventh floor.**

### **The challenges and opportunities of modular reactors**

This event will focus on sharing the UK experience with policy makers, regulators and industry regarding financing, manufacturing and regulatory challenges and opportunities related to modular reactors. This event is organized by the United Kingdom. The event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 3.30 p.m. in Meeting Room M0E 05, M building, ground floor.**

#### **Third Meeting of the Plenary of the Asian Nuclear Safety Network (ANSN)**

This side event will share the achievements of ANSN with member countries and related regional networks, and seek ways to further the development of ANSN. This event is organized by the Republic of Korea. This event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 4.00 p.m. in Conference Room M6, M building, ground floor.**

#### **Ibero-American Forum of Radiological and Nuclear Regulatory Agencies (FORO): Enhancing nuclear and radiation safety in Ibero-America**

The event will present achievements in the strengthening of regulatory bodies as a result of the FORO–IAEA cooperation, and will identify areas of further collaboration among regional associations and networks. This event is organized by Chile. The event will be held **on Wednesday, 19 September 2018, from 2.00 p.m. to 5.00 p.m. in Conference Room M7, M building, ground floor.**

#### **The Yanlong District Heating Reactor (DHR-400): Marking a new step in nuclear energy heating technology**

DHR-400 has thermal applications that include regional heating, air conditioning and seawater desalination, but it can also be used for neutron analysis and isotopic production. This event is organized by China. The event will be held **on Wednesday, 19 September 2018, from 4.00 p.m. to 5.30 p.m. in Conference Room M4, M building, ground floor.**

#### **Actors on the French nuclear scene: A new landscape**

This side event will present the new French nuclear energy landscape and its interactions at both the national and international levels. This event is organized by France. The event will be held **on Wednesday, 19 September 2018, from 4.00 p.m. to 6.00 p.m. in Conference Room C3, C building, seventh floor.**

### **International collaboration for establishing new nuclear research and development programmes in partner countries**

This event will focus on collaboration for establishing nuclear science and technology development programmes, and will include international scientific partnerships that enable countries to share experience in nuclear science and technology through international user centres and Russian science institutions. This event is organized by the Russian Federation. The event will be held **on Wednesday, 19 September 2018, from 4.30 p.m. to 6.30 p.m. in Conference Room C4, C building, seventh floor.**

## **Thursday, 20 September 2018**

### **Strengthening the livestock value chain for smallholder communities**

This side event will present how smallholder communities are benefitting from the IAEA programme in livestock production using nuclear and nuclear-derived techniques. It will demonstrate how the programme contributes to improving the availability of animal products on the market and to economic growth, and will highlight the role that south-south cooperation can play in this area. This event is organized by Indonesia. The event will be held **on Thursday, 20 September 2018, from 10.00 a.m. to 11.30 a.m. in Conference Room M7, M building, ground floor.**

### **International Collaboration in capacity building: HR Solution for safe and sustainable development**

This event will focus on collaboration for the development of competencies in countries embarking on or expanding their nuclear power programme by exchanging best practices and among recipients of nuclear technologies and vendors, national regulators, operators and others. Participants will discuss possible assistance in capacity building and share best practices in the safe, secure, peaceful and sustainable application of power. This event is organized by the Russian Federation. This event will be held **on Thursday, 20 September 2018, from 11.00 a.m. to 1.00 p.m. in Conference Room M5, M building, ground floor.**

### **Some recent advances in nuclear technology at the Nuclear Science and Technology Research Institute**

This event covers some recent advances at the Nuclear Science and Technology Institute in Iran — education and training, human health, agriculture, plasma physics instrumentation and control. This event is organized by the Islamic Republic of Iran. The event will be held **on Thursday, 20 September 2018, from 1.30 p.m. to 2.30 p.m. in Conference Room C02 13, C building, second floor.**

### **Nuclear Power: The Way Forward and Young Professionals**

This side event will focus on the role of the younger generation in leading innovation in nuclear power, and on how organizations are attracting, retaining and developing a high-quality workforce for generations to come. This event is organized by the United Arab Emirates. The event will be held **on Thursday, 20 September 1.30 p.m. to 3.00 p.m., at ESPACE M02, M building, second floor.**

**Progressing towards the Sustainable Development Goals with nuclear energy**

Friends of Nuclear Energy will present various ways in which nuclear energy can contribute to meeting the sustainable development goals. This event is organized by France. This event will be held **on Thursday, 20 September 2018, from 2.00 p.m. to 4.00 p.m. in Conference Room M7, M building, ground floor.**

**Friday, 21 September 2018**

**Nuclear medicine in Brazil: A new start with the Brazilian nuclear medicine program**

The event will present an overview of the current status of nuclear medicine in Brazil. The Brazilian Nuclear Medicine Program and its impact on Brazilian society will be addressed, as well as its relation to Latin America and developed countries. This event will be organized by Brazil. The event will be held **on Friday, 21 September 2018, from 10.00 a.m. to 11.00 a.m. at ESPACE M0E, M building, ground floor.**