

**List updated on Thursday, 14 September 2017**

## **Events Organized and/or Co-sponsored by the Agency's Secretariat in Conjunction with the Conference's Session**

### **Monday, 18 September 2017**

#### **ReNuAL/ ReNuAL + Event : Unveiling of Donor Wall**

The Director General will unveil a wall recognizing the donors to the Renovation of the Nuclear Applications Laboratories (ReNuAL) and ReNuAL+ projects in the presence of the Friends of ReNuAL co-chairs. A slideshow will demonstrate construction progress. The event will be held **on Monday, 18 September 2017, from 12.00 noon to 1.30 p.m. at the entrance to M building leading to A building.**

#### **20th Anniversary of the Adoption of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management**

This event will celebrate the 20th anniversary of the adoption of the Joint Convention, which took place on 5 September 1997. The event will be held **on Monday, 18 September 2017, from 12.00 noon to 1.30 p.m. in Conference Room C3, C building, seventh floor.**

#### **Treaty Event**

The Treaty Event aims to promote universal adherence to the 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. The event will be held **on Monday, 18 September 2017, and on Tuesday, 19 September 2017, from 2.00 p.m. to 3.30 p.m. in Meeting Room M0E 68, M building, ground floor.**

#### **Radiation Risk Assessment and Risk Perception in Medical Imaging**

This event will provide a brief overview of the methodologies for risk assessment associated with medical procedures and the perception of its magnitude and significance. The event will be held **on Monday, 18 September 2017, from 2.00 p.m. to 3.30 p.m. in Conference Room M7, M building, ground floor.**

## List updated on Thursday, 14 September 2017

### Tuesday, 19 September 2017

#### **The Added Value of Gender Parity at the IAEA**

A panel discussion will be moderated by the Deputy Director General and Head of the Department of Management, Mary Alice Hayward, in which accomplished leaders will speak about how diversity makes organizations stronger, the importance of setting the tone at the top, what it can mean for an organization's success and how we can think differently to ignite change. The event will be held on **Tuesday, 19 September 2017, from 8.30 a.m. to 10.00 a.m. in the VIC Restaurant, F building, ground floor.**

#### **Nuclear Operators Forum: Challenges in Human Resources Management for Sustainable Nuclear Power Generation**

This year's Forum will discuss human resources challenges and necessary actions to support the future of nuclear energy, including building and maintaining the workforce, economic challenges and new ways of learning. The event will be held on **Tuesday, 19 September 2017, from 9.00 a.m. to 10.30 a.m. in Conference Room C4, C building, seventh floor.**

#### **Faces of Safeguards**

The Department of Safeguards will make six short presentations during the week of the General Conference on different aspects of safeguards implementation, highlighting the many different 'Faces of Safeguards'. Topics to be featured are: environmental sampling; satellite imagery analysis; State declaration processing; gamma tomography for spent fuel verification; novel technologies to assist IAEA inspectors; and in-field activity planning, reporting, and review. The event will be held on **Tuesday, 19 September 2017, Wednesday 20 September 2017 and on Thursday, 21 September 2017, from 9.30 a.m. to 10.00 a.m., and from 2.30 p.m. to 3.00 p.m. in MOE espace area, M building, ground floor.**

#### **Qualified Technical Centres for the Management of Disused Sealed Radioactive Sources**

This event will give an update on the Qualified Technical Centres concept for the long term management of disused sealed radioactive sources in Member States. The event will be held on **Tuesday, 19 September 2017, from 9.30 a.m. to 11.00 a.m. in Conference Room C3, C building, seventh floor.**

#### **Nuclear High Temperature Heat for Industrial Processes**

This event will highlight the IAEA's activities in the field of non-electric applications of nuclear power. It will showcase demonstration projects planned by Member States. The event will be held on **Tuesday, 19 September 2017, from 11.30 a.m. to 1.00 p.m. in Conference Room C4, C building, seventh floor.**

## **List updated on Thursday, 14 September 2017**

### **Recruitment at the IAEA – Assessing Talent**

This event will give an overview of recruitment initiatives focusing on candidate experience and on initiatives planned in the coming period, including talent pipelines. The event will be held on **Tuesday, 19 September 2017, from 2.00 p.m. to 3.30 p.m. in Meeting Room M0E 03, M building, ground floor.**

### **Multi-unit Probabilistic Safety Assessment – Challenges Related to Risk Assessment**

At this event, high level representatives, experts and IAEA staff will make presentations and discuss the risk assessment of multi-unit sites. The event will be held on **Tuesday, 19 September 2017, from 2.00 p.m. to 3.30 p.m. in Conference Room C3, C building, seventh floor.**

### **Nuclear Energy Innovation and the Paris Agreement**

This event will present roadmaps for nuclear energy innovation linked to nationally determined contributions (NDCs) to the global response to climate change. It will cover enabling conditions for research and development, the regulatory framework and infrastructure to support Member States' NDC updates from 2020 to 2050. The event will be held on **Tuesday, 19 September 2017, from 2.30 p.m. to 4.00 p.m. in Conference Room C4, C building, seventh floor.**

### **Decommissioning: Education and Training**

This event will highlight the IAEA's training activities as well as its collaboration with the European Commission to improve the coordination of training activities in Europe. The event will be held on **Tuesday, 19 September 2017, from 4.30 p.m. to 6.00 p.m. in Conference Room C4, C building, seventh floor.**

### **Nuclear Security e-Learning: Enhancing States' Capacity to Strengthen a Global Response to a Global Threat**

The objective of this event is to showcase the suite of IAEA nuclear security e-learning modules and to engage a wide range of users in an interactive and hands-on presentation, including a quiz and demonstration of different modules. The event will be held on **Tuesday, 19 September 2017, from 4.30 p.m. to 6.00 p.m. in Conference Room C3, C building, seventh floor.**

## List updated on Thursday, 14 September 2017

### Wednesday, 20 September 2017

#### **Climate Proofing Rice Production Systems (CRiPS): how the IAEA is working in Climate Change Adaptation**

This roundtable discussion would showcase the past 5 years of work involving the crop of rice, which has greatly been affected by climate change impacts of flood and drought specifically within the Asia and the Pacific region. The event will be held **on Wednesday, 20 September 2017, from 10.00 a.m. to 11.30 a.m. in Conference Room M7, M building, ground floor.**

#### **Global Nuclear Safety and Security Network Plenary – Capacity Building and International School of Leadership for Safety**

The objective of the plenary meeting is to discuss with Member States the importance of nuclear safety knowledge management and capacity building for establishing a robust nuclear safety infrastructure. Member States will also report on lessons learned and challenges in developing resilient safety systems. The event will be held **on Wednesday, 20 September 2017, from 10.00 a.m. to 1.00 p.m. in Conference Room M5, M building, ground floor.**

#### **2017 ConvEx-3 Exercise: Enhancing Emergency Preparedness and Response during the IAEA's Largest International Emergency Exercise**

**This event, organized by the IAEA Incident and Emergency Centre (IEC), will give an insight into the preparations, conduct and outcomes of the large-scale ConvEx-3 exercise held in June 2017. The 36+ hour ConvEx-3 involved over 80 Member States and 11 international organizations. Representatives from Hungary, which developed the emergency exercise scenario, will describe their national response activities while the IEC will present some of the immediate lessons learned regarding the international response arrangements. The event will be held on Wednesday, 20 September 2017, from 12.00 noon to 1.30 p.m. in Conference Room C3, C building, seventh floor.**

#### **Future of Nuclear Energy: Engaging the Young Generation**

This event will present the IAEA's programmes for the education and training of a new generation of nuclear professionals. It will feature the annual European Master of Science in Nuclear Engineering (EMSNE) award ceremony. The event will be held **on Wednesday, 20 September 2017, from 2.30 p.m. to 4.30 p.m. in Conference Room C3, C building, seventh floor.**

### Thursday, 21 September 2017

#### **Monitoring contaminants for safer seafood**

This event will provide an overview of techniques to monitor biotoxins in harmful algal blooms and contaminants like mercury, polychlorinated biphenyls and plastics in our oceans and in seafood. The event will be held **on Thursday, 21 September 2017, from 10.00 a.m. to 11.30 a.m. in Conference Room M7, M building, ground floor.**

## List updated on Thursday, 14 September 2017

### **Neuropsychiatry: The Revolution of Molecular Imaging in Alzheimer's Disease**

This event will look at the rapid progress of functional and structural brain imaging and the vital role the latter plays in the differential diagnosis of dementia, early recognition of progressive dementia, and monitoring of disease progression and treatment effect. The event will be held on **Thursday, 21 September 2017, from 12.30 p.m. to 2.00 p.m. in Conference Room M7, M building, ground floor.**

### **Molybdenum-99/Technetium-99m: Current Supply Scenario, New Alternatives for their Production and the Role of the IAEA**

This event will outline the current supply scenario of molybdenum-99, the alternative production routes for molybdenum-99 and technetium-99m and the role of the IAEA in supporting Member States to improve national production capacity. The event will be held on **Thursday, 21 September 2017, from 3.00 p.m. to 5.00 p.m. in Conference Room M7, M building, ground floor.**

## **Friday, 22 September 2017**

### **Regulatory Cooperation Forum Plenary**

At the Regulatory Cooperation Forum (RCF) Plenary in 2017, RCF members and non-members will share experience and knowledge in regulatory infrastructure development. The event will be held on **Friday, 22 September 2017, from 9.00 a.m. to 1.30 p.m. in Conference Room C3, C building, seventh floor.**

### **In Touch**

At this event, the InTouch+ platform will be presented and support will be provided in response to queries on the platform. The event will be held on **Friday, 22 September 2017, from 11.00 a.m. to 1.00 p.m. in Conference Room M6, M building, ground floor.**

**List updated on Thursday, 14 September 2017**

## **Events Organized by Member States in Conjunction with the Conference's Session**

### **Monday, 18 September 2017**

#### **The Role of Veterans of Nuclear Energy and Industry in Improving the Safety of Spent Fuel Management**

The workshop will discuss problems and consolidate experience and knowledge on spent fuel management in countries-members of the International Union of Veterans of Nuclear Energy and Industry (IUVNEI). Safety is an obligatory condition in the nuclear power industry and its development worldwide. This side event was recommended by the Nuclear Veterans International Conference held in May 2017 in Slavutych, Ukraine. This event is organized by the Russian Federation. The event will be held on **Monday, 18 September 2017, from 8.30 a.m. to 12.00 noon in Conference Room M7, M building, ground floor.**

#### **Building Capacity and Capability to De-risk Nuclear Programmes: Experience of the United Kingdom**

This event will highlight how the United Kingdom has enhanced its capacity and capability to implement major nuclear new build and ongoing decommissioning programmes and how this can benefit other countries. This event is organized by the United Kingdom. The event will be held on **Monday, 18 September 2017, from 12.00 noon to 2.00 p.m. in Conference Room C4, C building, seventh floor.**

#### **Nuclear Waste Management – Pioneering Solutions from Finland**

This event will present the approach Finland has taken in planning and implementing nuclear waste management. This event is organized by Finland. The event will be held **on Monday, 18 September 2017, from 1.30 p.m. to 3.00 p.m. in Conference Room M5, M building, ground floor.**

#### **SCK•CEN becomes an IAEA-designated International Centre based on Research Reactor**

The Belgian Nuclear Research Centre (SCK•CEN) has a history of providing access to other Member States to its research reactors, ancillary facilities and Academy for Nuclear Science and Technology. This event will mark it becoming an IAEA-designated International Centre based on Research Reactor (ICERR). This event is organized by Belgium. The event will be held on **Monday, 18 September 2017, from 2.00 p.m. to 3.30 p.m. in Conference Room M4, M building, ground floor.**

## List updated on Thursday, 14 September 2017

### **What has been Achieved in Fukushima Decontamination & Decommissioning until Today: Where do we Stand?**

This event will showcase what has been done in Fukushima with regard to decontamination and decommissioning and will explore how world nuclear communities could upgrade their support for safer, more effective and accelerated progress in these areas. This event is organized by Japan. The event will be held on **Monday, 18 September 2017, from 3.30 p.m. to 5.00 p.m. in Conference Room C4, C building, seventh floor.**

### **Update on Saudi Arabia's National Atomic Energy Project and SMART Development: Options for Newcomer Countries**

This event will highlight Saudi Arabia's newly approved National Atomic Energy Project, as well as the partnership cooperation between Saudi Arabia. The event will be held on **Monday, 18 September 2017, from 4.00 p.m. to 5.30 p.m. in Conference Room M5, M building, ground floor.**

### **The Global Centre for Nuclear Energy Partnership (GCNEP) — India's Initiative for Safe, Secure and Sustainable Nuclear Energy through Global Partnership**

The Global Centre for Nuclear Energy Partnership (GCNEP) was set up to conduct research, design and development work on nuclear systems that are intrinsically safe, and to develop a pool of trained professionals through collaborative research and training programmes. This event will present the GCNEP initiative. This event is organized by India. **The event will be held on Monday, 18 September 2017, from 4.00 p.m. to 5.30 p.m. in Conference Room C1, C building, second floor.**

## **Tuesday, 19 September 2017**

### **Plasma Treatment of Radioactive Waste – Startup of the Kozloduy NPP Plasma Facility**

This event will present plasma technology as a single process solution for treating solid organic and inorganic radioactive and problematic chemical waste, based on the startup of the plasma facility at Kozloduy nuclear power plant. This event is organized by Belgium. The event will be held on **Tuesday, 19 September 2017, from 10.00 a.m. to 11.30 a.m. in Meeting Room M0E 03, M building, ground floor.**

### **Annual Plenary Meeting of the Forum of Nuclear Regulatory Bodies in Africa**

Representatives of African Member States that have established an operational regulatory infrastructure for radiation safety and security will meet under the auspices of this regional network in order to plan activities and projects aimed at enhancing nuclear and radiation safety and security in Africa and at improving the governance of the Network. This event is organized by Cameroon. The event will be held on **Tuesday, 19 September 2017, from 10.00 a.m. to 12.30 p.m. in Conference Room M5, M building, ground floor.**

## **List updated on Thursday, 14 September 2017**

### **20 years of the Ibero-American Forum of Radiological and Nuclear Regulatory Agencies: Enhancing Nuclear and Radiation Safety and Security through Regional and International Cooperation**

This event will present achievements in the strengthening of regulatory bodies as a result of the cooperation between FORO and the IAEA and identify possible lines of further collaboration among associations and networks. This event is organized by FORO. The event will be held on **Tuesday, 19 September 2017, from 10.30 a.m. to 1.00 p.m. in Conference Room C5, 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. This event is organized by the Vienna Chapter of the Non-Aligned Movement (NAM). The event will be held on **Tuesday, 19 September 2017, from 11.30 a.m. to 12.30 p.m. in M02 Foyer, M building, second floor.**

### **Nuclear in Clean Energy and Mission Innovation Efforts: Building Partnerships for the Future**

This event will convene international partners to discuss how nuclear collaboration could be formalized through the Mission Innovation and Clean Energy Ministerial initiatives. This event is organized by Canada. The event will be held on **Tuesday, 19 September 2017, from 1.30 p.m. to 3.30 p.m. in Meeting Room M0E 100, M building, ground floor.**

### **International Peer Review of the SOGIN Decommissioning and Radioactive Waste Management Programme**

This event will showcase the results of the Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS) peer review requested by SOGIN on its decommissioning and radioactive waste management programme in Italy. In addition, a bust of Enrico Fermi will be donated to the IAEA. This event is organized by Italy. The event will be held on **Tuesday, 19 September 2017, from 1.30 p.m. to 3.00 p.m. in Conference Room M4, M building, ground floor.**

### **Opening of the IAEA Low Enriched Uranium Bank Storage Facility in Kazakhstan and IAEA participation in EXPO-2017**

This event will commemorate the opening of the IAEA Low Enriched Uranium Bank Storage Facility in Kazakhstan and the IAEA's participation on EXPO-2017 in Astana. This event is organized by Kazakhstan. The event will be held on **Tuesday, 19 September 2017 from 2.30 p.m. to 3.00 p.m. in M01 Foyer, M building, first floor.**

## **List updated on Thursday, 14 September 2017**

### **IAEA Additional Protocol: 20 Years and Beyond**

This event will mark the 20<sup>th</sup> anniversary of the Additional Protocol. It will highlight the important contributions of the additional protocol to strengthened safeguards, and aims to promote understanding by sharing experiences in additional protocol finalization, implementation and efforts for universalization. This event is organized by Japan, Australia, France and Sweden. The event will be held on **Tuesday, 19 September 2017, from 4.00 p.m. to 5.30 p.m. in Conference Room M7, M building, ground floor.**

### **Nuclear Energy Development in China**

This event will showcase the latest nuclear energy developments in China and explore opportunities to further strengthening cooperation with the IAEA and other Member States and to contributing to safe and secure nuclear energy development in the world. This event is organized by China. The event will be held on **Tuesday, 19 September 2017, from 4.00 p.m. to 5.30 p.m. in Conference Room C1, C building, second floor.**

### **New National Centres of Nuclear Science and Technologies with Research Reactors and ICERR Experience**

Specialists from the Russian Federation will provide presentations on current Russian projects for establishing national Centres for Nuclear Science and Technologies in developing countries and an overview of activities in IAEA-designated ICERR in Russia. This event is organized by the Russian Federation. The event will be held on **Tuesday, 19 September 2017, from 4.00 p.m. to 5.30 p.m. in Meeting Room M5, M building, ground floor.**

## **Wednesday, 20 September 2017**

### **Nuclear Knowledge Management and International Project on Transfer Knowledge to Next Generations**

Representatives of IUVNEI (International Union of Veterans of Nuclear Energy and Industry) and representatives of INYC (International Nuclear Youth Congress) will discuss the aspects of transfer of nuclear knowledge. In particular, the event will highlight the use of multilingual INIS Thesaurus, participation of experts in estimation of nuclear projects in Kazakhstan, and the history of uranium fuel fabrication and production. This event is organized by the Russian Federation. The event will be held on **Wednesday, 20 September 2017, from 8.00 a.m. to 10.30 a.m. in Conference Room C4, C building, seventh floor.**

### **Applying Small Modular Reactor Technology: “More than just a User”**

This event will focus on prospects and challenges for a country that wants greater involvement in the research and development of small modular reactor technology, and the role of cooperation including on regulatory and fuel cycle aspects. This event is organized by Indonesia. The event will be held on **Wednesday, 20 September 2017, from 10.00 a.m. to 11.30 a.m. in Meeting Room M0E 79, M building, ground floor.**

## **List updated on Thursday, 14 September 2017**

### **Friends of Nuclear Energy on Supporting Nuclear Power Development**

At this event, presentations will be made by several Member States on supporting nuclear power development. This event is organized by France. The event will be held on **Wednesday, 20 September 2017, from 11.00 a.m. to 1.00 p.m. in Conference Room C4, C building, seventh floor.**

### **International Framework for Nuclear Energy Cooperation (IFNEC): Open Informal Meeting**

This event will highlight the recent activities undertaken under the auspices of the International Framework for Nuclear Energy Cooperation (IFNEC) and provide opportunity for discussion. This event is organized by Argentina. The event will be held on **Wednesday, 20 September 2017, 12.00 noon to 12.45 p.m. in Meeting Room M0E 100, M building, ground floor.**

### **Towards the International Symposium on Highly Enriched Uranium Minimization in Oslo in June 2018**

In June 2018, Norway will host the 3rd international symposium on highly enriched uranium (HEU) minimization, organized in cooperation with the IAEA. This event will present the symposium together with new advances in research reactor conversion, HEU removal and disposal, and isotope production. This event is organized by Norway. The event will be held on **Wednesday, 20 September 2017, from 12.00 noon to 1.30 p.m. in Conference Room M4, M building, ground floor.**

### **Managing the Nuclear Clock from Emergency to Future Generations: French Views for Nuclear Programmes**

France will present stories and innovative visions to manage time scales in the nuclear field to meet the Sustainable Development Goals, including on digital revolution, addressing an emergency situation, ageing of reactors and dismantling. This event is organized by France. The event will be held on **Wednesday, 20 September 2017, from 1.30 p.m. to 3.30 p.m. in Conference Room C4, C building, seventh floor.**

### **Effective Partnerships for Nuclear Safety and Security in the Arab Region**

The Arab Network of Nuclear Regulators (ANNuR) is a regional safety network which was established in January 2010 with the purpose of strengthening and harmonizing the regulatory infrastructure in Arab countries as well as exchanging regulatory knowledge and experiences with other international and regional networks under the IAEA Global Nuclear Safety and Security Network. This meeting will present the status of ANNuR's activities and plans as well as of the support provided by its partners. This event is organized by Tunisia. The event will be held on **Wednesday, 20 September 2017, from 2.00 p.m. to 4.00 p.m. in Conference Room M5, M building, ground floor.**

## **List updated on Thursday, 14 September 2017**

### **Italy's Contribution to International Projects on Innovative Nuclear Technologies**

This event will present the Italian experience in managing a framework of public and private parties in support of ongoing international projects regarding innovative nuclear reactors and fusion energy. This event is organized by Italy. The event will be held on **Wednesday, 20 September 2017, from 2.30 p.m. to 4.30 p.m. in Meeting Room M0E 03, M building, ground floor.**

### **Report on Policies, Technology Options and the Future of Nuclear Power by the Chinese and French Academies**

This event will present a joint report by the Chinese Academy of Engineering, the National Academy of Technologies of France and the French Academy of Sciences on policies and technology options for nuclear power as part of a future energy mix. This event is organized by China and France. The event will be held on **Wednesday, 20 September 2017, from 4.00 p.m. to 5.30 p.m. in Conference Room M4, M building, ground floor.**

### **Tehran Research Reactor: Fault Detection, Inspection, Repairing and Testing**

The Tehran Research Reactor started operation in November 1967. In 1969, the reactor experienced leakage from the pool, which was stopped by installing a new stainless steel liner. In 2016, the liner failed and leakage was detected. This side event will present the actions that were taken to repair the stainless steel liner, including: safety analysis of processes and activities; supply of resources; preparation of the working conditions; identification of imperfections and repair of the steel liner; returning the reactor to its normal operating conditions. This event is organized by the Islamic Republic of Iran. The event will be held on **Wednesday, 20 September, from 4.00 p.m. to 5.30 p.m. in Conference Room M7, M building, ground floor.**

## **Thursday, 21 September 2017**

### **Regional Capacity Building Initiative — Promoting Capacity Building through Resource Mobilization**

The regional capacity building initiative is a Member State-driven platform to promote a regional approach to capacity building in the Asia and the Pacific region for the application of nuclear science and technology. This event is organized by Indonesia. The event will be held on **Thursday, 21 September 2017, from 11.00 a.m. to 12.00 noon in Conference Room M5, M building, ground floor.**

## **List updated on Thursday, 14 September 2017**

### **Technical Cooperation and the French-Speaking World**

This event will be held by the Group of Francophone Ambassadors, which represents 80 States. One expected outcome of the event is the establishment of a network of French-speaking experts involved in the IAEA's activities and in particular its technical cooperation programme. This event is organized by France and Morocco. The event will be held **on Thursday, 21 September 2017, 2.00 p.m. to 3.30 p.m. in Conference Room M5, M building, ground floor.**