



Side Events Organized at the International Conference on Radioactive Waste Management: Solutions for a Sustainable Future (CN-294)

1 – 5 November 2021

Below events will also be livestreamed

Monday, 1 November 2021

Pakistan – IAEA Cooperation in Safe Management of Radioactive Waste

Monday, 1 November 2021, 12:00 – 13:00 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

The side-event will highlight the progress made by Pakistan in radioactive waste management within the Technical Cooperation Programme developed jointly with the IAEA in the last decade. The event will highlight the support received by Pakistan from the IAEA in developing infrastructure, safety culture, waste minimization and use of proven modern technologies in radioactive waste management. It will also showcase the development of Pakistan's radioactive waste management infrastructure – in coordination with IAEA – and its future planning for sustainable national nuclear power programme.

Speakers: Mr Muhammad Na'eem, Pakistan Atomic Energy Commission (PAEC), Pakistan
Mr Safdar Ali, Pakistan Atomic Energy Commission (PAEC), Pakistan
Mr Musharraf Hussain Rizvi, Pakistan Atomic Energy Commission (PAEC), Pakistan
Ms Marina Binti Mishar, Asia and the Pacific Section, IAEA

Innovation in Radioactive Waste Management for a Sustainable Future

Monday, 1 November 2021, 17:00 – 18:00 (CET, Vienna time)

Conference Room BR-B, M Building, first floor

In a carbon net zero world consideration will need to be given to how the technology and engineering associated with the construction, operation and closure of a disposal facility contributes to carbon net zero. The event will consider innovations being developed and deployed to enable RWM, potential barriers to their deployment and how to overcome these and accelerate their adoption.

Co-Chair: Ms Christina Van Drunen, Canadian Nuclear Laboratories, Canada
Co-chair: Mr Rob Whittleston, National Nuclear Laboratory, United Kingdom
Speakers: Ms Meggan Vickerd, Canadian Nuclear Laboratories, Canada
Mr Frank Allison, FIS360, United Kingdom



Tuesday, 2 November 2021

Safeguards: The Often-Overlooked Requirement in Waste Management

Tuesday, 2 November 2021, 12:15– 13:15 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

All nuclear material is subject to safeguards requirements in a country under a Comprehensive Safeguards Agreement (CSA) with the IAEA – which describes most countries. When it comes to radioactive waste and legacy materials, these requirements can seem remote and, in some cases, are overlooked in the planning of radioactive waste management projects. This can potentially cause delay and uncertainty when dealing with the wastes, as additional requirements arise.

The Department of Safeguards (Division of Concepts and Planning) and the Department of Nuclear Energy (Division of Nuclear Fuel Cycle and Waste Technology) will jointly hold a side event to help inform member states about potential safeguards requirements on waste and legacy items in their inventories. During this session, Agency personnel will explain which materials are generally subject to safeguards, what this means at the practical level, and how Member States can receive advice and assistance with these issues when planning a waste management project.

Speakers: Mr Jeremy Whitlock, Concepts and Approaches Section, IAEA

Mr Nicholas Smith, Waste Technology Section, IAEA

Member States Update and Progress in Management of Disused Sealed Radioactive Sources (DSRS) and the Global Path Forward

Tuesday, 2 November 2021, 17:15– 18:45 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

Disused Sealed Radioactive Sources are present in almost every IAEA Member State and present a unique and challenging management problem. It is of utmost importance for Member States to gather the current best management practices and for the IAEA to provide a platform to convey these strategies globally. Despite the challenges presented by the COVID-19 pandemic management of DSRS continues and this forum will provide an update from several engaged Member States as well as allow for some thoughtful discussion on the path forward and future of the Management of Radioactive Sources.

Chair: Mr Ahmad Alsabbagh, JAEC, Jordan

Speakers: Mr Ioannis Kaisas, EEAE, Greece

Ms Lina Al Hindi Al Attar, AECS, Syria

Mr Charles Streeper, LANL, USA

Mr Marcelo Mendoza Contreras, CCHEN, Chile

Mr Mohd Zaidi Ibrahim, Nuklear Malaysia, Malaysia

Rapporteur: Ms Nour Hammoud



Wednesday, 3 November 2021

Building stakeholder Confidence for Sustainable Radioactive Waste Management

Wednesday, 3 November 2021, 12:15 – 13:15 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

Nuclear back-end issues are embedded in broader societal issues such as the environment, risk management, energy, health policy and sustainability and, as such, often generate considerable interest and concern. Involving public stakeholders in the decision-making process is essential to achieving such decisions for nearly all aspects of nuclear energy, including new nuclear construction, nuclear safety measures, radioactive waste management solutions, decommissioning and legacy management.

Past national experiences have shown that projects where stakeholders are not involved eventually run into problems. Building trust, building openness, building transparency is a path to successful long-term program.

This side event will give an overview of the role Nuclear regulators, operators and other decision makers play to ensure a high degree of transparency and to make clear and well-reasoned decisions in radioactive waste management.

Co-Chair and Moderator: Ms Rebecca Tadesse, OECD/NEA

Mr Alexandre De Ruvo, WNA

Speakers and Panellists: Mr Yves Lheurex, France ANCLI

Ms Cécile Evans, WNA-WMDWG

Ms Nuria Prieto-Serrano, ENRESA, Spain

Ms Julie Brown, CNSC, Canada

Final Disposal of Spent Nuclear Fuel in Finland

Wednesday, 3 November 2021, 17:15 – 18:45 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

The side event will showcase the works developed by POSIVA related to the submission operating license application for an encapsulation plant and a final disposal facility for spent nuclear fuel situated at Olkiluoto, in South-West Finland. The status of the final disposal project as well as the scientific and the technological research, development, and design work of the final concept, the safety case addressing the safety of the final disposal and design and construction of the facilities will be presented during the side event by the POSIVA Oy staff.

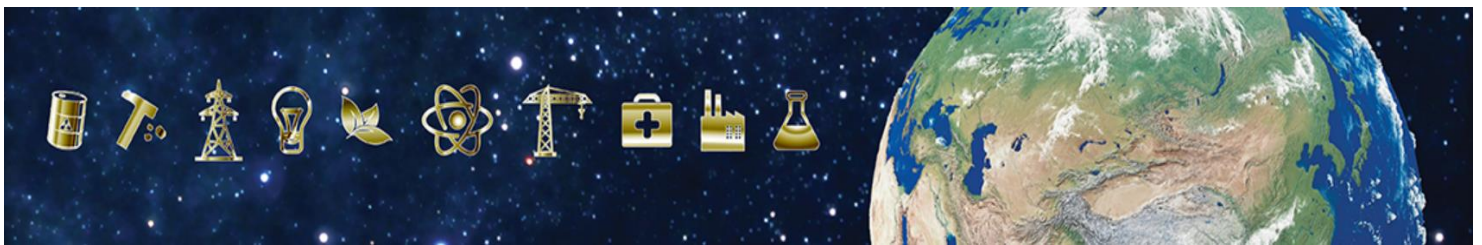
Chair and Speaker: Mr Mika Pohjonen, Managing Director, Posiva Solutions, Finland

Speakers: Ms Pauliina Aalto, Senior Expert, Posiva, Finland

Mr Pasi Rantamäki, Programme Manager, Posiva Oy, Finland

Ms Barbara Pastina, Project Manager, Posiva Oy, Finland

Mr Tuomas Pere, Research Coordinator, Posiva Oy, Finland



Thursday, 4 November 2021

Beishan Underground Research Laboratory in China

Thursday, 4 November 2021, 12:15 – 13:15 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

This side event offers a unique opportunity to introduce the Beishan URL by experts from Beijing Research Institute of Uranium Geology (BRIUG), which leads the construction and operation of the URL. Experts will present the current status of the URL and activities of international cooperation, as the URL will serve as a major platform for R&D of HLW disposal, site characterization, and international cooperation. The aim of the event is to strengthen the international collaboration among the organizations which have URFs under development. Also, an animation that highlights the interaction between the HLW disposal and the public will be presented during the side event.

Speakers: Mr Ju Wang, Vice President, BRIUG, China

Mr Liang Chen, Vice President, BRIUG, China

Collaborative Research and Innovation in Radioactive Waste Management in the Euratom Community

Thursday, 4 November 2021, 17:15 – 18:45 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

The Euratom Research and Training Programme aims at continually improving safe and secure use of nuclear power and non-power applications of ionizing radiation, including mastering waste and spent fuel management from cradle to grave. This side event will give an overview of the objectives, the achievements and outcomes of the main on-going research projects related to the safe radioactive waste management (such as the SHARE, MICADO, PREDIS projects and EURAD program) and describe how they maintain and further develop scientific and technological collaboration, expertise and competence in the radwaste field. It will have a special emphasis on transversal strategic aspects related to RWM, such as Research in crosscutting topics, Strategic Research Agendas implementation, knowledge management, and international collaboration within the Community and outside.

Chair and Speaker: Mr Seif Ben Hadj Hassine, Policy Officer, European Commission DG RTD

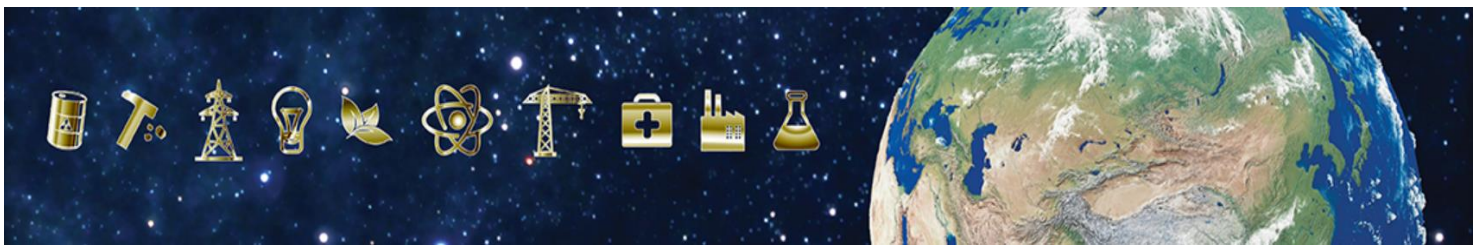
Speakers: Mr Massimo Morichi, MICADO Project Coordinator, CAEN, Italy

Mr Robert Winkler, CEA, France

Ms Erika Holt, PREDIS Project Coordinator, VTT, Finland

Ms Louise Théodon, EURAD Program Coordinator, Andra, France

Mr. Anthony Banford, National Nuclear Laboratories, United Kingdom



Young Professional Events
Organized at the International Conference
on Radioactive Waste Management:
Solutions for a Sustainable Future (CN-294)
1 – 5 November 2021

Below event will be in-person only

Sunday, 31 October 2021

Being Part of the Solution: Career Paths for a Sustainable Future

Sunday, 31 October 2021, 17:00– 18:30 (CET, Vienna time)

Conference Room CR-4, C Building, seventh floor

Dynamic, bright, innovative young professionals are essential to the sustainability of the global nuclear industry, and to the success of this International Conference. While it's expected that young professionals will fully participate throughout this week, the side event provides a tailored opportunity to explore diverse career paths in radioactive waste management, and to connect with a broad range of professionals ahead of the week's events.

Speakers: Ms Laurie Swami
Ms Karen Wheeler
Ms Christina Van Drunen
Mr Musharraf Hussain Rizvi
Mr Hans-Juergen Steinmetz
Mr Anthony Wickham

Below event will also be livestreamed

Friday, 5 November 2021

Looking to a Sustainable Future (Young Professionals Feedback)

Friday, 5 November 2021, 13:30 – 15:00 (CET, Vienna time)

Conference Room BR-A, M Building, second floor

The IAEA and RWM 2021 Organizing Committee are reaching out to young professionals to seek their insights and perspectives on the themes, messages and priorities that have been presented throughout the week. While serving as a wrap up to the conference, it is also an opportunity to shape the recommendations and messages in the final report from the conference and set the stage for future IAEA priorities and programmes of work.

Chair: Ms Christina Van Drunen

Note: Various speakers from the week will be present to listen to your input and views and answer questions