

RAMTrans Conference– 15- 17th May 2024

Wednesday 15th May

Time	Session and speaker
0800	Registration opens, tea, coffee and networking
0900	Welcome and House Keeping
0910 20 mins	Keynote Speaker- Seth Kybird, CEO, Nuclear Transport Solutions <i>Without transport there is no nuclear</i>
0930	Session 1 - Package Engineering
0930	Andrew Fowler, Eadon Consulting Ltd. Development of a Nuclear Waste Container to Minimise Whole Lifecycle Costs and Improve Operational Efficiencies
0945	Sundip Shah, Arup Impact performance sensitivity studies on the Robust Shielded (RS) Box Transport Container – Secondary impacts and the effects of ageing – and Methodology for calculation of impact release fraction for RS packages containing unencapsulated waste.
1000	Franz Peter Kattner, Gesellschaft fuer Nuklear-Service mbH Transport of HLW canisters on sea vessels – boundary conditions and requirements from the German competent authority.
1015	BREAK
1045	Session 2 - Regulation and Institutional issues
1045	Alastair Brown, NTS Rising to the Challenges of Denials and Delays.
1100	Misaki Horiguchi, Kyoto University Regulations of Fukushima Daiichi Nuclear Power Plant accident.
1115	Paul Butler, ONR Role of Office for Nuclear Regulation in Nuclear Transport
1130	Rajesh Garg, Canadian Nuclear Safety Commission Transport of Radioactive Materials in Canada in 2021 and 2022.
1145	Stavroula Vogiatzi (Pre-recorded), Greek Atomic Energy Commission (EEAE) Necessity of Joint Inspection in Transport of Radioactive Materials.
1200	LUNCH

RAMTrans Conference– 15- 17th May 2024

1300	Session 3 - Operations
1300	George Burnett, NTS A Forward Look - The Application of Current Transport Approaches to the Future of Nuclear.
1315	James Trott, NWS Preventing Spiraling Costs in Maintaining an Ageing Asset Base - Lessons Learnt from LLWR.
1330	Pengyi Wang, IAEA Advancing Global Safety in Radioactive Material Transport: IAEA's Integrated Approach to Training, Compliance, and Shipment Facilitation
1345	Steven Capner, newcleo New Nuclear: Approach to Transport of Lead Fast Reactor MOX Fuel.
1400	TBC
1415	BREAK
1445	Poster Session
	<p>Dr Annette Rolle Investigations of Aged Metal Seals for Transport Package Safety Assessment</p> <p>Thomas Quercetti Enhancement of the BAM Fire Test Stand for Testing a Large Transport Package for Radioactive Materials</p> <p>Mike Weber How to Consider Imperfectly Mounted Reinforcement Cages in a Cylindrical Concrete Container During Mechanical Specimen Tests</p> <p>Dr Steffen Komann Ageing management measures of transport packages for radioactive materials</p> <p>Andrew Gray Transport and Logistics Consultancy – complex challenges to support operational excellence</p> <p>Dave Rossiter Delivering strategic nuclear waste transport programmes</p> <p>Dr Frederik Kesting Comparative overview of the properties of large surface contaminated objects transported in Germany since 2007 and corresponding approval procedures</p> <p>Tom Rowlands</p>

RAMTrans Conference– 15- 17th May 2024

	<p>Summary of the update to the Transport Container Standardisation Committee (TCSC) Code of Practice (CoP) TCSC0031 on the Design of Bolted Joints for Radioactive Material (RAM) Transport applications.</p> <p>Rhianne Boag Nuclear Transport Solutions – Our Experience of Designing and Re-Purposing Nuclear Transport Packages</p> <p>Wang Zhipeng Hao Jiabin Emma Tallantire Creating a combination package to dispose of radioactive and chemicals wastes from the Sellafield site</p> <p>Jérôme Thomas Packages for radioactive waste transportation</p> <p>Edoardo Cascioli</p>
1530	Session 4 - Content specific
1530	<p>Hannah Doran, University of Glasgow Decay Heat Potential at the back end of the nuclear fuel cycle.</p>
1545	<p>Dr Ed Ketusky, NAC International OPTIMUS-L Certified by NRC for HALEU.</p>
1600	<p>Anjali Kochar, Atomic Weapons Establishment Design Basis Approach for Large Waste Inventories.</p>
1615	<p>Dylan Ward, NAC International Enhancing the OPTIMUS Packaging System for High-Activity Radioactive Source Transportation.</p>
1630	<p>Warren Arnold (Pre-recorded), BAUER Maschinen GmbH Introduction of latest technique for the Construction of temporary (or ultimate) disposal space of radioactive material underground by new diaphragm wall technique. Also offering underground space to SMR/ MMR (cluster) power plants.</p>
1645	TBC
1700	Day 1 Conference Close

Thursday 16th May

Time	Session and speaker
0800	Registration opens, tea, coffee and networking
0900 20 mins	Keynote Speaker- Tim Tinsley, Account Director - Space & Radioisotopes, Health & Nuclear Medicine, National Nuclear Laboratory <i>Reach for the Stars</i>
0920	Session 5 - Other
0920	Dr Fabrice Fleurot, NTS Meteor: A CAD-compatible nuclear criticality code.
0935	Professor Malcolm Joyce, Lancaster University Priorities concerning the management of radioactive waste from future, small nuclear fission power reactors.
0950	Beverley Stothart, NTS NWS & NTS Collaboration
1005	Florent Ledrappier, TECHNETICS Improvement of metallic seals ageing behavior based on surface texturing – HELICOFLEX® TEXEAL®.
1020	BREAK
1045	Session 6- Package Engineering
1045	Sundip Shah, Arup Modelling, Analysis and Evaluation of unshielded and shielded low heat generating waste packages.
1100	Robbie Britton, Croft Associates Ltd. Validation of impact performance for the croft safkeg® through analyses and testing.
1115	Mike Good, Frazer-Nash Consultancy Ltd. Development of a reliable modelling capability for assessing the impact performance of reinforced concrete boxes.
1130	Jérôme Thomas, ROBATEL Industries The R85 Type B Cask: the new ROBATEL Industries design for cluster guides transportation from EDF's NPPs
1145	TBC
1200	LUNCH
1330	Session 7 - Regulation and Institutional issues
1330	Alessandro Orsini, National inspectorate for nuclear safety and radiation protection

RAMTrans Conference– 15- 17th May 2024

	ISIN dose assessment to members of the public arising from transport of radiopharmaceuticals to Rome’s Hospitals.
1345	Dr Martin Neumann, BAM Transport of HLW canisters on sea vessels – boundary conditions and requirements from the German competent authority.
1400	Seungwoo Ji, KINS Status of Regulation System for RI/RG Licensed User in Republic of Korea.
1415	Paul Butler, ONR What makes a ‘suitable and sufficient’ transport Radiation Risk Assessment from a regulator’s perspective.
1430	Ulric Schwela, International Atomic Energy Agency Ensuring Safe Transport of Radioactive Materials: IAEA's Training Initiatives for Compliance with Transport Regulations and PDSR Guides
1445	BREAK
1515	Session 8 - Package Engineering
1515	Sundip Shah, Arup Developments in the holistic impact methodology for the prediction of impact release fraction for waste packages with encapsulated wastefoms and investigation of the effect of ageing on the compressive strength and break-up characteristic of grout encapsulants and simulant wastefor
1530	Gordon Turner, NWS The benefit of aerosol mechanisms to demonstrate the performance of the lid seal for transport of radioactive waste.
1545	Dr Shawn Toh, NTS Considering aerosol processes in nuclear transport package containment safety cases.
1600	Liz Holland, NTS An Overview of Dose Rate Assessments to Support Nuclear Vessel Licensing.
1615	Sam Robinson, Frazer-Nash Consulting Ltd. Bridging the Gap: Aligning Nuclear Waste Transport Package Design to Contemporary BS and ISO Standards.
1630	TBC
1645	Day 2 Conference Close
1900	Dinner at the Science Museum
2300	Carriages Home

RAMTrans Conference– 15- 17th May 2024

Friday 17th May

Time	Session and speaker
0800	Registration opens, tea, coffee and networking
0900	Keynote Speaker- Chris Jones, Office for Nuclear Regulation
0920	Session 9 - Other
0920	Phil Edge, NDA NDA Transport Strategy.
0935	Melissa Collier, Science and Technology Facilities Council Neutron Target Transport.
0950	Jennifer Nugent, NTS NTS: A Centralised Approach to Design Authority for One-NDA.
1005	Tanzila Nurjahan, Technische Universität Dresden Investigation of Moisture Content in Concrete during Decommissioning of Nuclear Facilities by Electrical Impedance Spectroscopy.
1020	BREAK
1045	Session 10 - Package Engineering
1045	Markos Yiassoumis, Croft Associates Ltd. Analysis of a Novel Screw Ring Closure Mechanism for a Type B(U)F Transport Package.
1100	Daniel Meir, Sellafield Ltd. Transport Package Repurposing - The complexity of curveballs.
1115	Ameen Azzabi, Sellafield Ltd. The Reuse of Transport Packages for on-site Transfers.
1130	Sean Perry, NTS The Development of a Versatile Type B(U)F Transport Package to Support the Front-End Fuel Cycle of Gen-IV Reactors.
1145	Closing Remarks
1200	CLOSE