

SNETP FORUM TECHNICAL SESSIONS – 2 June 2022

#	Room 1	Room 2	Room 3	Room 4
	TS1: SMRs Moderators: Ferry Roelofs (NRG), Jozef Sobolewski (NCBJ)	TS4: R&D&I facilities Moderators: Pavel Kral (UJV), Petri Kinnunen (VTT)	TS2: Nuclear codes & standards & supply chain Moderators: Oliver Martin (JRC)	TS6: Nuclear to mitigate climate change including non-electricity applications Moderators: Ronald Schram (NRG), Michael Fütterer (JRC)
11:00	P1: SMR-partnership, Yves Desbazeille (Foratom) P2: Market analysis, Bernard Dereeper P3: Supply Chain, Roberto Adinolfi (Ansaldo)	P1: OFFERR project, Charles Toulemonde (EDF) P2: Setting up the “European User Facility Network”, Jiri Zdarek (UJV) P3: RJH, Petri Kinnunen (VTT)	P1: Comparison of component integrity concepts for LWRs and activities of CEN Workshop 64 Prospective Group 1, Bruno Autrusson (nuclear consultant), Manuela Triay (Framatome) P2: Ongoing development activities on RCC-MRx and its enlargement to different Gen IV systems, Karl-Fredrik Nilsson (JRC), Cecile Petesch (CEA) P3: The NUCOBAM project – Incorporation of additive manufacturing into nuclear codes & standards, Oliver Martin (JRC)	P1: EU’s energy sector integration and hydrogen strategies, Andrei Goicea (Foratom) P2: Introductory Scene Setter (new Euratom projects, NEA, GIF, IAEA), Michael Fütterer (JRC) P3: The European chemical industry on the path to climate neutrality, Nicola Rega (CEFIC) P4: Deployment of nuclear energy in deep decarbonization of the energy system, Andre Faaij (TNO) P5: Integrated Energy Systems and the pathway to Net Zero by 2050 (a UK context), Paul Newitt (NNL, 10min video)
12:00	P4: R&D&I - Sylvain Takenouti P5: Core and Fuel - Eric Hanus (CEA) P6: Non-electricity (power) applications, Ville Tulkki (VTT)	P4: NEA task Force on Nuclear Safety Research support facilities for existing and advanced reactors, François Barré (IRSN) P5: Possibilities of the BR2 reactor as a support facility to materials and fuels R&D, Joris Van den Bosch (SCK.CEN) P6: PKL/SACO, Simon Schollenberger (Fra-G)	P4: R&D challenges in improving civil structures design rules for sustainable nuclear energy technology, Etienne Gallitre (nuclear consultant), Pekka Valikangas (STUK), Tadeusz Szczesiak (ENSI), Alexis Courtois (EDF) P5: Qualification of electrical equipment according to RCC-E Benedict-John Willey (AFCEN) P6: High-quality European industrial grade items guidelines: Andrei Goicea (Foratom), Natalia Amosova (Apollo+)	P6: Summary of the Polish national project: GOSPOSTRATEG-HTR, Agnieszka Boettcher (NCBJ) P7: NOMATEN Centre of Excellence in Multifunctional Materials for Industrial and Medical Applications, Jacek Jagielski (NCBJ) P8: Exploring the deployment of advanced reactor systems for decarbonization of future energy generation: Geert-Jan de Haas (NRG) Wrap-up by Ronald Schram (NRG)
13:00	Lunch Break			
	TS1: SMRs Moderators: Ferry Roelofs (NRG), Jozef Sobolewski (NCBJ)	TS4: R&D&I facilities Moderators: Pavel Kral (UJV), Petri Kinnunen (VTT)	TS3: Digital & Robotics Moderators: Eero Vesaja (FORTUM), Christophe Schneidesch (Tractebel), Elisabeth Guillaut (ORANO)	TS5: Waste minimization and fuel cycle Moderators: Erika Holt (VTT), Anthony Banford (NNL)
14:00	P7: NSSS Oliver Martin (JRC) P8: Passive systems F. Mascari P9: Severe Accidents, P. Dejardin P10: Modularity, M. Marconi (Ansaldo)	P7 : Source Term Experimental Research - IPRESCA and OECD/NEA THEMIS Projects, Sanjeev Gupta (Becker Technologies GmbH) P8: COSMOS-H, Stephan Gabriel (KIT) P9: HFR / Pallas, Ronald Schram (NRG)	P1: The Nuclear Digital Nuclear Initiative, Benoît Levesque/Chai Koren – EDF P2: Combination between Digital Twin and AI for anomaly detection for industrial processes, Aurélien Schwartz - Métroscope, EDF group P3: Data based solutions & performance in the nuclear sector, Vincent Champain – Framatome	P1: Euratom introductory address, Seif Ben Hadj Hassine (EC) P2: Fuel Handling and Waste issues for Molten Salt Reactors, Jiri Krepel (PSI) P3: Plutonium management in GENIV reactors, Francisco Alvarez Velarde (CIEMAT)
15:00	P11: Energy Well – Czech molten salt SMR concept, David Harut – CVR P12: Conceptual design of EUHTER (Polish experimental HTGR), prof. Mariusz Dąbrowski	P10: Czech research infrastructure for supporting the implementation of the SNETP strategic research agenda, Marek Mikloš (CVR) P11: Open access of research infrastructures, Rachel Eloirdi (JRC)	P4: Utilization of artificial intelligence in the analysis of nuclear power plant requirements, Santeri Myllynen – FORTUM P5: Digital Solution Projects, A. Duchêne – Tractebel	P4: Waste minimization /recycle through whole fuel cycle, Luke O’Brien (NNL)
15:40	Coffee Break			
		TS4: R&D&I facilities Moderators: Pavel Kral (UJV), Petri Kinnunen (VTT)	TS3: Digital & Robotics Moderators: Eero Vesaja (FORTUM), Christophe Schneidesch (Tractebel), Elisabeth Guillaut (ORANO)	TS5: Waste minimization and fuel cycle Moderators: Erika Holt (VTT), Anthony Banford (NNL)
16:00		P12: Education and training and facilities, Leon Cizelj (IJS)	P6: Modelling and simulation-assisted engineering of cyber-physical systems throughout their life cycle, T. Ngugen – IAEA consultant P7: Robotics and drone program, Anders Wik – Vattenfall P8: AERACCESS, Jean-Luc AYRAL	P6: Advanced Separation for the Optimum management of spent Fuel – portioning, fuel fabrication, secondary waste streams, Christophe Bruggeman (SCK CEN) P7a: Unique for SMR spent fuel and waste management, Timothy Schatz (VTT) P7b: Towards harmonised practices, regulations and standards in waste management and decommissioning (EU-HARPERs), Réka Szőke (IFE) P8: SRA documentation development from projects SHARE and PREDIS, Anthony Banford (NNL) and Erika Holt (VTT)
17:00			P9: Robotics in VVER SG inspection/cleaning, Ville Lestinen - Fortum	Guided Discussion: going forward topics and plan (future collaboration ideas) – chairpersons
18:00	End			