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, **DG-ENER** **P2:** Market analysis, **Bernard Dereeper** **P3:** Licensing harmonization, **ENSREG**	**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 pipe integrity concepts for LWRs, **Bruno Autrusson (nuclear consultant, formerly IRSN)** **P2:** Ongoing development activities on RCC-MRx and its enlargement to Gen IV reactor systems with coolants other than sodium, **Karl-Fredrik Nilsson (JRC)** **P3:** The NUCOBAM project – Incorporation of additive manufacturing into NC&S, **Oliver Martin (JRC)**	**P1**: N.N., NC2I: Introductory Scene Setter (new Euratom projects, NEA, GIF, IAEA) **P2**: **Andrei Goicea, Foratom**, EU: EU's energy sector integration and hydrogen strategies **P3**: **Agnieska Boettcher, NCBJ**, PL: Polish GOSPROSTRATEG project **P4**: **Jacek Jagielski, NCBJ**, PL: NOMATEN Centre of Excellence in Multifunctional Materials for Industrial and Medical Applications
12:00	**P4:** Supply Chain, **Roberto Adinolfi (Ansaldo)** **P5:** R&D&I - **Sylvain Takenouti** **P6:** Core and Fuel - **Eric Hanus (CEA)** **P7:** 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**: BR2, **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, formerly EDF)** **P5:** Qualification of electrical equipment according to RCC-E **Benedict-John Willey (EDF)** **P6:** European Commercial-grade Dedication Guidelines: **Andrei Goicea (Foratom)**	**P5**: Integrated Energy Systems and the pathway to Net Zero by 2050 (a UK context), **Paul Newitt (NNL, 10min video)** **P6**: **Michael Fütterer, JRC**, NL: GEMINI+ nuclear process heat applications, hydrogen, steel **P7**: **Andre Faaij, TNO**, NL: "Deployment of nuclear energy in deep decarbonization of the energy system." **P8**: **Geert-Jan de Haas, NRG**, NL: "Exploring the deployment of advanced reactor systems for decarbonization of future energy generation: research highlights of molten salt reactors and liquid metal cooled reactors." Wrap-up by **Ronald Schram, NRG**, NL: Wrap-up
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 Vesaoja (FORTUM), Christophe Schneidesch (Tractebel), Elisabeth Guillaut (ORANO)**	**TS5: Waste minimization and fuel cycle** **Moderators: Erika Holt (VTT), Anthony Banford (NNL)**
14:00	**P8:** NSSS **Oliver Martin (JRC)** **P9:** Passive systems **F. Mascari** **P10:** Severe Accidents, **P. Dejardin** **P11:** Modularity, **M. Marconi (Ansaldo)**	**P7**: PASI-CWC, **Riikonen etc (LUT)** (TBC) **P8**: COSMOS-H, **Stefan Gabriel (KIT)** **P9**: HFR / Pallas, **Ronald Schram (NRG)**	**P1:** French Digital Reactor Initiative, **XXX – EDF** **P2:** Combination between Digital Twin and AI for anomaly detection for industrial processes, **Aurélien Schwartz - Métroscope, EDF group** **P3:** Data-sharing technologies, connectivity 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	**P12:** Energy Well – Czech molten salt SMR concept, **Marek Ruščák – CVR** **P13**: 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:** AI in requirements engineering, **Santeri Myllynen – FORTUM** **P5:** Digital Solution Projects, **A. Duchêne – Tractebel**	**P4:** Waste minimization /recycle through whole fuel cycle, **Paul Nevitt (NNL)** **P5:** Recycling and circular economy of metallics– advanced reprocessing
15:40	**Coffee Break**			
		TS4: R&D&I facilities **Moderators: Pavel Kral (UJV), Petri Kinnunen (VTT)**	**TS3: Digital & Robotics** **Moderators: Eero Vesaoja (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:** SHARK ROBOTICS, **Joseph PESME**	**P6:** Advanced Separation for the Optimum management of spent Fuel – portioning, fuel fabrication, secondary waste streams, **Christophe Bruggeman (SCK CEN)** **P7:** Unique for SMR spent fuel and waste management, **Timothy Schatz (VTT)** **P8:** SRA documentation development from projects SHARE and PREDIS, **Anthony Banford (NNL) and Erika Holt (VTT)**
17:00			**P9:** AERACCESS, **Jean-Luc AYRAL** **P10:** Robotics in VVER SG inspection/cleaning, **Ville Lestinen - Fortum**	Guided Discussion: going forward topics and plan (future collaboration ideas) **– chairpersons**
18:00	**End**			