Parallel session agendas

Note: No online participation option for afternoon sessions - all sessions at Otakaari 1 M!

Session A: Overall Safety and Society, room U7

Time	First name	Last name	Organisation	Topic
13:00	Jan-Erik	Holmberg	STUK	Introduction to Overall Safety and Society - research area
13:15	Sneha	Goel	VTT	HydrOgen Production in the vicinity of a nuclear Energy facility (HOPE)
13:25	Ulpu	Leijala	FMI	Enhancing reliability of estimates about the likelihood of extreme single and co-occurring events in the vicinity of the NPP sites in the changing climate (PREDICT2)
13:35	Ilkka	Karanta	VTT	Various topics in PRA (SUPRA)
13:45	Terhi	Kling	VTT	Modelling and simulation development related to Fire-PRA (URAN2)
13:55	Matti	Kojo	Tampere University	Residents' perceptions of safety: the case of SMR in the Helsinki metropolitan area
14:05	Adrian	Kotelba	VTT	Enhancing computer security at nuclear facilities
14:15	Hanna	Koskinen	VTT	Towards a holistic and unified HFE process (TOFU)
14:25	**Coffee break**			
15:00	Antti	Pakonen	VTT	Systems engineering approaches for managing the life cycle of I&C systems (SEAMLES)
15:10	Juhani	Vihavainen	LUT	Overall Safety Framework Development (OSAFER)
15:20	Kaupo	Viitanen	VTT	Design of safe sociotechnical changes in Finnish nuclear industry
15:30	Mikael	Wahlström	VTT	Reflective Training for nuclear industry (Retnuci)
15:40	Markus	Olin	VTT	Safe guard of ONKALO
15:50	Petri	Paju	University of Turku	Art of/as memory preservation
16:00	**End of session**			

Session B: Reactor Safety and Fuel, room U8

Time	First name	Last name	Organisation	Topic
13:00	Antti	Tarkiainen	TVO	Introduction to Reactor Safety and Fuel - research area
13:15	Janne	Heikinheimo	VTT	Methods for current and accident tolerant fuels cladding modelling (MATFINE)
13:25	Seppo	Hillberg	VTT	Practical know-how development to support the regulator & industry in TH modeling
13:35	Ville	Hovi	VTT	CFD in Reactor Safety Assessments
13:45	Pauli	Juutilainen	VTT	Fuel outside reactor
13:55	Teemu	Kärkelä	VTT	Experimental and Analytical Severe Accident Research
14:05	Gitesh-kumar	Patel	LUT	Non-condensable gases project
14:15	Vesa	Riikonen	LUT	Gravity driven flows
14:25	**Coffee Break**			
15:00	Heikki	Suikkanen	LUT	Towards open-source coupled reactor analyses
15:10	Joonas	Telkkä	LUT	Infrastructure project
15:20	Joonas	Telkkä	LUT	Critical flow project
15:30	Ville	Valtavirta	VTT	Deterministic safety analyses with Kraken (DECAPOD)
15:40	Janne	Pakarinen	VTT	DRYing and enCAPsulation of damaged fuel (DRYCAP)
15:50	Tatu	Hovi	VTT	Computational Modeling of Thermal-Hydraulic Phenomena
16:00	**End of Session**			

Session C: Nuclear Waste Management, room U2

Time	First name	Last name	Organisation	Topic
13:00	Ville	Koskinen	STUK	Introduction to Nuclear Waste Management -research area
13:10	Ismo	Aaltonen	GTK	Deep Borehole Disposal of RW
13:20	Tom	Andersson	VTT	Multiscale model for relevant copper overpack material (MOCPACO)
13:30	Sven	Bossuyt	Aalto University	Mechanical behaviour of cast iron insert and copper canister (MECAN)
13:40	Paula	Keto	VTT	Continuation of the SMR siting (SMRSiMa) project
13:50	Paula	Keto	VTT	Continuation of the near surface repository (SURFACE) project
14:00	Mikko	Nykyri	Safram Oy	Microbial and corrosion-induced gas generation in LLW operating waste at repository conditions (GasOff)
14:20	Veli-Matti	Pulkkanen	VTT	Buffer, bentonite, sensitivity analysis, experimental, modelling (SadBen)
14:20	**Coffee Break**			
14:50	Juhani	Rantala	VTT	MOdelling of MEchanical Properties of copper (MOMEP)
15:00	Antti	Räty	VTT	SMR decommissioning and LILW waste
15:10	Antti	Räty	VTT	Optimizing contamination surveys and building clearance
15:20	Pietari	Skyttä	University of Turku	Structural controls on fluid flow
15:30	Wojciech	Solowski	Aalto University	Towards the digital twin of a nuclear waste repository
15:40	Mikko	Vepsäläinen	VTT	High-efficiency radionuclide removal processes with porous nanomaterials (HERA)
15:50	Minna	Vikman	VTT	Microbiological processes and the performance of engineered barrier systems in the final disposal
16:00	**End of Session**			

Session D: Mechanical and Structural Integrity of NPP's, room U9

Time	First name	Last name	Organisation	Topic
13:00	Timo	Kukkola	TVO	Introduction to Mechanical and Structural Integrity of NPP's -research area
13:15	Ludovic	Fülöp	VTT	Sensitivity and risk informed seismic hazards (Seri)
13:25	Jon	Engström	GTK	Mechanical properties of the brittle structural framework in southern Finland
13:35	Noora	Hytönen	VTT	Advanced year of RPV embrittlement research (BRUTE+)
13:45	Pirkko	Kekäläinen	VTT	R&D in support of LTO of critical NPP concrete structures
13:55	Juha	Kuutti	VTT	Total fatigue life evaluation
14:05	Jussi	Peltonen	VTT	Jules Horowitz Reactor Project 2028
14:15	Zaiqing	Que	VTT	Long term Operation on Aging and environmentally Degradation of nuclear materials (SAFER LOAD)
14:25	**Coffee Break**			
15:00	Qais	Saifi	VTT	Bayesian Ageing Assessment Procedure Development for LTO (PROVELTO)
15:10	Antti	Forsström	VTT	Characterization of RPV structural integrity (CHAOS)
15:20	Iikka	Virkkunen	Aalto University	Artificial intelligence and machine learning for automated evaluation of inspection data from nondestructive testing (AI4NDT)
15:30	Juha	Virtanen	VTT	Integration of physical simulation model and vibration measurement data of structural system for hybrid model-based (fatigue) monitoring of critical details (MechDigiTWin)
15:40	Konsta	Sipilä	VTT	Mitigation of corrosion and novel water chemistries in light water reactors (MINERVA)
15:50	Konsta	Sipilä	VTT	Safe and long-term performance of polymeric components in Nuclear Power Plants (SLEDGE)
16:00	**End of Session**			