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Joint ICTP-IAEA Workshop on Physics and Technology of Innovative Nuclear Energy Systems | (smr 3700)

Thursday 15 December 2022

- Kastler Lecture Hall (AGH) (09:00-17:30)

time	title	presenter
09:00	Liquid metal coolants for Fast Neutron Reactors: properties & consequences Part 2	CHRISTIAN LATGE
10:30	Coffee break	
10:45	Nuclear Fuel Cycle: Trends and Options for Innovative NES	ALEXANDER BYCHKOV
11:30	Liquid metal coolants for Fast Neutron Reactors: focus on coolant quality control	CHRISTIAN LATGE
12:30	Lunch break	
14:00	Technical and associated challenges in establishing a viable SMR	AKIRA TOKUHIRO
14:45	Innovative Nuclear Energy Systems: Core Design and Neutronics 2/2	ADRIAAN BUIJS
15:30	Coffee break & Group photo	
15:45	Interaction between Sodium and Structures of Liquid Metal Cooled Reactors	CHRISTIAN LATGE
16:30	Final Discussion of Group Activities	CHIRAYU BATRA (TERRAPRAXIS, UNITED KINGDOM), NIKOLETA MORELOVA (IAEA, AUSTRIA), ANDREI KOSILOV (NATIONAL RESEARCH NUCLEAR UNIVERSITY "MEPHI", RUSSIA), AKIRA TOKUHIRO (ONTARIO TECH UNIVERSITY, CANADA), ADRIAAN BUIJS (MCMASTER UNIVERSITY, CANADA), VLADIMIR KRIVENTSEV (IAEA, AUSTRIA)