

International Conference on Fast Reactors and Related Fuel Cycles FR22: Sustainable Clean Energy for the Future (CN-291)

Wednesday, 20 April 2022

4.2 Structural, Novel, and Large Components Materials (10:40 - 12:40)

time	[id] title	presenter
10:40	[39] Creep and Creep-Fatigue Behavior of an Advanced Stainless Steel (Alloy 709) - Application to Sodium-Cooled Fast Reactors	Dr ALOMARI, Abdullah
10:52	[332] Development of Plasma Nitriding as alternate hardfacing technique for Large components of FBR and Assessment of static In-Sodium Stability of Plasma Nitrided Layer	Dr MYTHILI, R.
11:04	[80] A novel method of manufacturing a heavy integrated support ring in fast reactor	Prof. MINGYUE, Sun Dr BIN, Xu Dr BIJUN, Xie Prof. DIANZHONG, Li
11:16	[106] Material Data Acquisition Activities to Develop the Material Strength Standard for Sodium-cooled Fast Reactors	TOYOTA, Kodai
11:28	[178] The δ -ferrite transformation behavior and mechanical properties of 316H weld metal during high temperature service	WEI, Shitong
11:40	[56] STATE OF DEVELOPMENT OF LEAD COOLANT TECHNOLOGY COMPONENTS FOR BREST-OD-300 REACTOR	ORLOV, Alexander
11:52	[510] Tensile testing of sub-sized T91 and 316L steel specimens in liquid lead	TUCEK, Kamil
12:04	[417] New ASTRID SFR - Intermediate Heat Exchanger (IHX) and internal vessel interface system: qualification tests onto a scale 1 representative mock-up	Mr WOAYE HUNE , Antony Mr MOURGUES, Alejandro Mr MORITZ, Remi Mr VILLEDIEU, Alexandre Mrs CHENEAU, Marie-Sophie