

Technical Meeting on Synergies in Technology Development between Nuclear Fission and Fusion for Energy Production

Tuesday, 7 June 2022

3.01 Technology, safety, security and safeguardability for synergies and know-how transfer: Structural materials and circulating fluids - CR6, 7th Floor, C Building (10:00 - 11:20)

time	[id] title	presenter
10:00	[66] Overview: Structural materials and circulating fluids	WEISENBURGER, Alfons MALERBA, Lorenzo UTILI, Marco
10:20	[18] CROSS-CUTTING ISSUES IN FUSION AND FISSION MATERIALS DEVELOPMENT	MALERBA, Lorenzo
10:40	[15] FISSION AND FUSION WATER COOLING CIRCUITS: CHEMISTRY, CORROSION MITIGATION AND MATERIALS	GASPARRINI, Claudia
11:00	[39] MATERIAL COMPATIBILITY WITH LIQUID METAL AND MITIGATION STRATEGIES: REMOVAL OF ACTIVATION CORROSION PRODUCTS	UTILI, Marco

3.01 Technology, safety, security and safeguardability for synergies and know-how transfer: Structural materials and circulating fluids: continued - CR6, 7th Floor, C Building (11:50 - 12:50)

time	[id] title	presenter
11:50	[47] COMMONALITIES BETWEEN MATERIALS DEVELOPMENT IN FISSION AND FUSION TECHNOLOGIES	AIELLO, Giacomo
12:10	[55] THE KEY ENABLING ROLE OF DUCTILE AMORPHOUS OXIDE COATINGS FOR GENERATION IV AND FUSION NUCLEAR POWER PLANTS	DI FONZO, Fabio
12:30	[82] THE BEHAVIOUR OF MA956 AND 316L-ALUMINIZED STEELS IN SUPERCRITICAL WATER	MIHALACHE, Maria