

Technical Meeting on Compatibility Between Coolants and Materials for Fusion Facilities and Advanced Fission Reactors

Wednesday, 1 November 2023

Experimenting: Corrosion and mass transfer (continued) - M5, Ground Floor, M Building (10:00 - 13:30)

time	[id] title	presenter
10:00	[46] Overview of recent compatibility assessments in flowing experiments: Sn, Li, Pb-Li and molten salts	Mr PINT, Bruce
10:30	[65] Corrosion Tests of SS 316 in Static and Flowing U-bearing Fluoride Salts	Mr ZHANG, Jinsuo
10:50	[66] Compatibility of Alumina with Eutectic Pb-Bi Alloy	Mr JAIN, Uttam
11:10	[67] Radiation damage effect on structural and mechanical properties of inert ZrNlayer: corrosion mitigation in LBE Cooling environment	Mr IZERROUKEN, M.
11:30	Coffee Break	
12:00	[68] Lessons learned from operation of a forced convection chloride molten salt	Mr ZHANG, Jinsuo
12:30	[69] Borated water chemistry control for DTT vacuum vessel	Mr UTILI, Marco
13:00	[70] Simulation of gas injection into liquid with SIMMER	Mr CHEN, X.