

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

Wednesday, 1 November 2023

Modelling: Corrosion and mass transfer - M5, Ground Floor, M Building (15:00 - 18:00)

-Conveners: Frederic Dacquait

time	[id] title	presenter
15:00	[71] Overview of ACP simulation codes suitable for the fission and fusion fields	Mr DI PACE, Luigi
15:30	[72] Modelling the corrosion product transfer in fusion systems: the OSCAR Fusion code	Mr DACQUAIT, Frederic
16:00	[73] Parametric study of ITER main Primary Heat Transfer System coolant chemistry and operational parameters using OSCAR-Fusion v1.4.a code	Mr CARLONI, Dario
16:30	Coffee Break	
17:00	[74] Improving the prediction of activity transfer in nuclear water circuits by integrating colloidal behaviour : modelling and experimental advances for the OSCAR code	Ms CHERPIN, Chloe
17:30	[75] Modelling the transport of activated fluids and corrosion products in cooling environments	Ms SHAND, Chantal