

Technical Meeting on the Safety Approach for Liquid Metal Cooled Fast Reactors and the Analysis and Modelling of Severe Accidents

Tuesday, 14 March 2023

Technical Session 2.1: Severe Accident Analysis and Experimental Validation of SFR - Part I - CR4 (11:15 - 12:30)

-Conveners: Yoshiharu Tobita; Dalin Zhang; Frédéric Payot

time	[id] title	presenter
11:15	[33] Towards an integrated French software platform for severe accident simulation in SFR	Mr GUBERNATIS, Pierre
12:00	[31] CEA Experimental Roadmap for Sodium Fast Reactor Severe Accident R&D	Mr JOURNEAU, Christophe

Technical Session 2.1: Severe Accident Analysis and Experimental Validation of SFR - Part I - CR4 (13:45 - 15:45)

-Conveners: Yoshiharu Tobita; Frédéric Payot; Dalin Zhang

time	[id] title	presenter
13:45	[10] Development of analysis methods for SFR severe accidents in JAEA and assessment of applicability to safety analysis	Mr TOBITA, Yoshiharu
14:15	[29] 3D Thermalhydraulics-neutronics simulation of SFR core degradation with the SEASON French Platform	Ms DUFOUR, Emmanuelle
14:45	[24] The Simplified Radionuclide Transport (SRT) Code for the Source Term Assessment of Pool-Type Metal Fuel Sodium Fast Reactor Severe Accidents	Mr BUCKNOR, Matthew
15:15	[26] SFRs severe accident transient study with new particle flow model in SIMMER-V	Ms BACHRATA, Andrea