

SERPENT and Multiphysics

jeudi 26 février 2015

Multiphysics experiences and projects - Salle 9 (14:30 - 17:40)

time	[id] title	presenter
14:30	[7] The Transient Fission Matrix Approach using SERPENT - Application to Flattop experiment and MSFR coupling	LAUREAU, Axel
15:00	[5] GeN-Foam: a novel OpenFOAM® based multi-physics solver for 2D/3D transient analysis of nuclear reactors	FIORINA, Carlo
15:30	[11] First test of a minimalistic "Nodal Drift Method" for spatial kinetics	PRÉVOT, Pierre
16:00	Break	
16:30	[9] Serpent-OpenFOAM coupling for criticality accidents modelling -- Definition of a benchmark for MSRs multiphysics modelling	M. AUFIERO, Manuele
17:00	[8] Reduced order methods: application to reactor core spatial dynamics	SARTORI, Alberto