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Joint ICTP-IAEA Workshop on Open-Source Nuclear Codes for Reactor Analysis | (smr 3865)

Monday 07 August 2023

notitle - Budinich Lecture Hall (LB) (09:00-17:30)

time	title	presenter
09:00	Welcome remarks by ICTP and IAEA	NICOLA SERIANI (ICTP, ITALY), VLADIMIR KRIVENTSEV (IAEA, AUSTRIA)
09:10	Introduction of IAEA Activities on Innovative Nuclear Energy Systems	VLADIMIR KRIVENTSEV
09:35	IAEA Activities on Computational Tools for Nuclear Reactors Analysis	NIKOLETA MORELOVÁ
09:55	Coffee Break	
10:10	Group photo	
10:15	Multi-physics modelling and simulation of nuclear reactors using OpenFOAM	CARLO FIORINA (TEXAS A&M UNIVERSITY, USA), STEPHAN KELM (FORSCHUNGSZENTRUM JÜLICH GMBH (FZJ), GERMANY), STEFANO LORENZI (POLIMI, ITALY)
12:20	Lunch Break	
13:20	A practical introduction to OpenFOAM	STEFANO LORENZI
15:00	Coffee Break	
15:20	Group Activity 1, Multiphysics simulation of the MSFR using OpenFOAM	