

Saudi International Conference On Nuclear Power Engineering (SCOPE)

Monday, 13 November 2023

(Ground-104 - Lecture Hall (13:50 - 14:50/60 - Day 1 - Parallel Session - I Thermal-Hydraulics: - I: Nuclear Systems

Conveners: Tomasz Kwiatkowski; Sultan Al-Faifi-

time	id] title]	presenter
13:50	Invited Talk - Advances in the analysis and management of accidents [23046] and future challenges: the OECD/NEA WGAMA and the Joint Safety Research Projects	Dr ADORNI, Martina
14:10	Safety Analysis During Low-Pressure Case in VVER-1000 with ASYST [23127]	THULU, Fabiano
14:30	An Evaluation and Development of Drift-Flux Correlations for Enhanced [23130] Nuclear Reactor Simulations	AL-FAIFI, Sultan

(Ground-104 - Lecture Hall (15:10 - 16:30/60 - Day 1 - Parallel Session - I Thermal-Hydraulics: - II: Nuclear systems

Conveners: Yacine Addad; Martina Adorni-

time	id] title]	presenter
15:10	Towards the Development of a Comprehensive Nuclear System [23131] Analysis Code Based on Two-Fluid Model: Starting with an Isentropic Approach	AL-FAIFI, Sultan
15:30	Overview of hydrodynamics and scale-up of TRISO spouted beds [23067] coaters	ALJUWAYA, Thaar
15:50	Validation of the SPACE Code through Simulated Accident Scenarios in [23169] SMART-ITL: A Focus on Pressurizer Safety Valve Break and Safety Injection Line Break Concurrent with TLOSHR	AL-FAIFI, Sultan
16:10	Impact of condenser cooling seawater temperature on energy and [23180] exergy efficiencies of a nuclear power plant	Mr SAYED, Abdul