

Saudi International Conference On Nuclear Power Engineering (SCOPE)

Monday, 13 November 2023

(Ground-102 - Lecture Hall (13:50 - 14:50/60 - Day 1- Parallel Session - III : Fusion and Advanced Reactors: - I: SMR-I

Conveners: Eleonora Skrzypek; Saud Al-Shikh-

time	id] title]	presenter
13:50	Overview of Safeguards Challenges and Opportunities for Small [23089] Modular Reactor Technology	.Dr ALJUWAYA, Thaar M
14:10	Evaluation of Hydrogen Production Feasibility Utilizing System [23175] Integrated Modular Advanced Reactor (SMART) in Saudi Arabia	Mr AL-ATTAS, Hashim
14:30	The Feasibility of Small Modular Reactors (SMRs) in the Energy Mix of [23020] Saudi Arabia	A-SALHABI, Abdalaziz

- Ground-102 - Lecture Hall (15:10/60 - Day 1- Parallel Session - III : Fusion and Advanced Reactors: - II: SMR-II

(16:30

Conveners: Eslam Bali; Maciej Lipka-

time	id] title]	presenter
15:10	SPACE Validation on a Steam Generator Tube Rapture Experiment [23006] with SMART-ITL Facility	Mr BALI, Eslam
15:30	An Investigation of Multiple RV-SGV Design Concepts for SMART Plus [23121]	BUSHNAG, Mazen
15:50	Development of Phenomena Identification and Ranking Table (PIRT) of [23005] Thermal-Hydraulic Phenomena for SMART100-DECs to Implement T-H Model and Validation Items in SPACE	Mr BALI, Eslam
16:10	Thermal Hydraulic Performance Analysis of a Printed Circuit Steam" [23148] "Generator (PCSG) in Innovative Smart-Plus Reactor: A Proof of Concept Study	ALTAYEB, Abdulrahman