

Saudi International Conference On Nuclear Power Engineering (SCOPE)

Tuesday, 14 November 2023

(Ground-105 - Lecture Hall (09:20 - 10:20/60 - Day 2- Parallel Session - II : Reactor Physics: - I

Conveners: Mazen Bushnag; Jihad Al-Sadah-

time	id] title]	presenter
09:20	Neutronic analysis for accident tolerant cladding candidates in PWR [23064]	ALAMRI, Khalid
09:40	VERA Solution of Zero Power Physics Tests (ZPPT) Using DeCART2D [23179] MASTER -	Mr ATIAHALLA, Abdulelah
10:00	A Study on Soluble Boron Control During Load-Follow Operation Using [23125] Sliding Mode Observer in APR1400	Mr KHALEFIH, Husam

(Ground-105 - Lecture Hall (10:40 - 12:00/60 - Day 2- Parallel Session - II : Reactor Physics: - II

Conveners: Husam Khalefih; Saud Al-Shikh-

time	id] title]	presenter
10:40	An Exposition of the Discrete Ordinates Method for Complex Irregular [23022] Geometries Utilizing a Structured Mesh	MANSOOR, Saad
11:00	Neutronic Study on Safety Characteristics of Fast Spectrum Stable Salt [23120] (Reactor SSR (Stable Salt Reactor	BUSHNAG, Mazen
11:20	Neutron Voltaic: Converting Neutrons' Energy Directly to Electricity [23065]	Dr ALSADAH, Jihad
11:40	Neutronic Analysis of Annular & MOX Fuel Designs for SMART Core [23105] Using DeCART2D Code	Mr ALSHIKH, Saud