

Saudi International Conference On Nuclear Power Engineering (SCOPE)

Wednesday, 15 November 2023

Ground-102 - Lecture/60 - Day 3- Parallel Session - III : Nuclear Applications and Radiation Processing: - I :Imaging
(Hall (09:20 - 10:20

Conveners: Maryam Alhashim; Muath Alkadi-

time	id] title]	presenter
09:20	Assessment of natural radioactivity groundwater samples of high [23073] background area using GIS and Remote Sensing programs	FALLATAH, Othman
09:40	An approach to the simulation of Radiographic Testing techniques [23041]	MOUSA, Tariq
10:00	CNN-based detection of welding crack defects in Radiographic [23115] ..Non-Destructive Testing	ALSHAREEF, Abdulmalik

Ground-102 - Lecture/60 - Day 3- Parallel Session - III : Nuclear Applications and Radiation Processing: - II: Processes
(Hall (10:40 - 12:00

Conveners: Abdulsalam Hawsawi; Maciej Lipka-

time	id] title]	presenter
10:40	The Life Cycle of Medical Cyclotrons in the Kingdom of Saudi Arabia [23109]	Dr ALHASHIM, Maryam
11:00	Production radio-chromic films dosimeter for low and high irradiation [23113] dose application	Dr ALOTAIBI, Mohammed F
11:20	The Promising Use of Volcanic Silica as an Environmental Source for [23040] Diagnostic X-ray Shielding Applications	.Dr DAMOOM, Mohammed M
11:40	Analysis of 2D Quarter Core for VERA benchmark with OpenMC code [23011]	Mr ALBUGAMI, Abdullah

- Day 3- Parallel Session - III : Nuclear Applications and Radiation Processing: - III : Energy and Materials

(Ground-102 - Lecture Hall (13:50 - 14:50/60

Conveners: Eleonora Skrzypek; Fouad Abolaban-

time	id] title]	presenter
13:50	Experience with Delayed- and Prompt-Gamma Neutron Activation [23100] Analysis using Accelerator-based neutrons at KFUPM: An overview	Dr KHIAHRI, F
14:10	Techno-Economic Model for Hydrogen Production using Advanced [23163] Nuclear Power Plants in Saudi Arabia	Mr AL-SHIKH, Saud
14:30	Hybrid Energy Storage System with Modified CAES and Desalination [23106] Process for Nuclear Power Plant in Saudi Arabia	Dr ALSADAH, Jihad