

Saudi International Conference On Nuclear Power Engineering (SCOPE)

Tuesday, 14 November 2023

- Ground-102 - Lecture Hall (13:50/60 - Day 2- Parallel Session - III : Fusion and Advanced Reactors: - III: Fusion (14:50

Conveners: Abdulrahman Altayeb; Nicola Forgione-

time	id] title]	presenter
13:50	SIMMER CODES POST-TEST VALIDATION ACTIVITY BASED ON [23034] LIFUS5/MOD3 EXPERIMENTS FOR PBLI-WATER INTERACTION	Prof. FORGIONE, Nicola
14:10	Development of Fusion technologies at ENEA Brasimone Research [23191] Centre	MARTELLI, Daniele
14:30	Effect of Irradiation's Angle of Incidence on The Sputtering Energy [23214] Threshold of Beryllium Metal of the ITER First Wall	Dr AL-AJLONY, Al-Montaser

- Day 2- Parallel Session - III : Fusion and Advanced Reactors: - IV: Advanced reactor design and applications (Ground-102 - Lecture Hall (15:10 - 16:30/60

Conveners: Yasser Al Essi; Daniele Martelli-

time	id] title]	presenter
15:10	Invited Talk - Harnessing the Potential of Nuclear Microreactors in Saudi [23240] Arabia: A Path to Sustainable and Resilient Energy	ARAFAT, Yasir
15:30	Numerical activities in support of the development of GEN IV LMFRs at [23057] the University of Pisa: a review of recent works	FORGIONE, Nicola
15:50	Development of Lead-Cooled fast reactor technologies at ENEA [23192] Brasimone Research Centre	MARTELLI, Daniele
16:10	Preliminary Design of NDP-400: Economical heat generation for [23187] efficient desalination	.JEONG, H.J