SATIF-16 Shielding aspects of Accelerators, Targets and Irradiation Facilities

Wednesday, 29 May 2024

Poster Session - Auditorium B. Touschek (17:20 - 19:22)

time	[id] title	presenter
17:20	[78] Radiation safety study for the upgrade of LINAC injector for the SOLEIL II low emittance storage ring project.	PRUVOST, Jean-Baptiste
17:26	[17] The HOTNES thermal neutron facility	DASHDONDOG, Dolzodmaa
17:32	[15] Prompt gamma activation analysis of borated concrete at the radionuclide-based HOTNES facility	CASTRO CAMPOY, Abner Ivan
17:38	[14] A new neutron monitor with extended energy range	PIETROPAOLO, Antonino
17:44	[9] DOIN: a novel electronic personal dosemeter for neutrons	CALAMIDA, Alessandro
17:50	[63] Neutron transport calculations in support of the PSI-NEUTRA instrument upgrade	IVANOV, Aleksandar
17:56	[46] Optimal decommissioning planning of NPPs using validated neutron fluence calculations	KONHEISER, Jörg
18:02	[93] Multi-Probe Tomography for Scientific Applications and Nuclear Safeguards	FAVALLI, Andrea
18:08	[92] Decay Heat and Radionuclei inventory in ISIS TS1 target: measurements in tungsten core and tantalum cladding based on 2 different experimental methods and comparison with FLUKA predictions	LILLEY, Steven
18:14	[40] Optimization studies of radiation shielding for PIP-II project at Fermilab	MAKOVEC, Alajos
18:20	[30] Development of a Monte Carlo simulation workflow for the study of the radionuclide deposition process on the collection target in the context of Selective Production of Exotic Species (SPES) facility	Mr CHEN, Daiyuan
18:26	[52] Application of Machine Learning in Radiation Shielding at FRIB	PAL CHOWDHURY, Rajarshi
18:32	[42] Development of user-friendly verification tool of radiation shielding calculation	ALSULAMI, Nahla
18:38	[66] Radiation-Induced Effects on Commercial 3D Printing Materials Exposed to High X-Ray Doses	FERRARI, Matteo
18:44	[16] Measuring high photon dose rates with semiconductor dosimeters	RUSSO, Luigi
18:50	[87] Development of TLD thermo-luminescence dosimeters by doping with a rare earth element	ALFAWWAZ, Jasem
18:56	[49] X-ray Targets and Collimation system for Indigenously developed Linear Accelerators	SHAHZAD, Ridaa
19:02	[85] Computational fluid dynamics investigation of the dispersion of radioactive cloud in the surroundings of an urban center	Dr GIANNATTASIO, Giuseppe
19:08	[86] Diagnostic beam dump design for the EuPRAXIA@SPARC_LAB project	CHIARELLI, Federico
19:14	[88] The ELBE High Power Radiation Source as Irradiation Facility	FERRARI, Anna