

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

Wednesday, 29 May 2024

Session 3 - Code benchmarking and intercomparison - Auditorium B. Touschek (08:40 - 10:40)

time	[id] title	presenter
08:40	[25] Intercomparison of Particle Production (5)	HIRAYAMA, Hideo
09:00	[65] Treatment of low-energy heavy particle fusion reactions in PHITS	IWASE, Hiroshi
09:20	[8] Photoneutron production at electron LINACs: testing performance of Monte-Carlo simulations and impact on relevant applications	Dr BLIDEANU, Valentin
09:40	[90] Shielding and activation experiment in the downstream of the JLAB beam dump with several GeV electron beam	Dr NORIAKI, Nakao
10:00	[33] Measurement of nuclide production cross sections via the $^{208}\text{Pb}(p,X)$ reactions at GeV-energy proton incidence	SUGIHARA, Kenta
10:20	[75] The Shielding Integral Benchmark Archive Database (SINBAD) Task Force	Dr BUSS, Oliver

Session 3 - Code benchmarking and intercomparison - Auditorium B. Touschek (11:10 - 12:10)

time	[id] title	presenter
11:10	[51] Benchmarking of FLUKA residual simulations for radiation protection at CERN's Large Hadron Collider	MENDES, Vasco
11:30	[69] Spectral characterization with a Bonner Sphere Spectrometer of the Neutron Irradiation area for radiation hardness studies at the EPOS facility	CHIARELLI, Federico
11:50	[97] Session 3 discussion	