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

Tuesday, 28 May 2024

Session 2 - Code status, development and model converters - Auditorium B. Touschek (11:50 - 13:20)

   -**Conveners: Session Chair Hideo Hirayama**

time	[id] title	presenter
11:50	[44] Developments of the present and future FLUKA generations	SALVAT PUJOL, Francesc
12:20	[32] Investigation of Unstructured Mesh Utilization in MCNP at LANSCE	SVOBODA, Josef
12:40	[79] Advancing the MCNP Unstructured Mesh Calculations at ORNL's Second Target Station	REMEC, Igor
13:00	[53] Bayesian Uncertainty Quantification for Radiation Transport Calculations at FRIB	Dr ZAMORA, J. C.

Session 2 - Code status, development and model converters - Auditorium B. Touschek (14:40 - 16:00)

   -**Conveners: Session Chair Hideo Hirayama**

time	[id] title	presenter
14:40	[83] FLUKA: status and new developments	Dr FERRARI, Alfredo
15:10	[80] Status of the development of FLUKA MC dedicated radiation sources and estimators for the design and commissioning support of the high-power, high rep-rate LCLS-II electron accelerator	SANTANA LEITNER, Mario
15:30	[7] Status of the MARS code	RAKHNO, Igor

Session 2 - Code status, development and model converters - Auditorium B. Touschek (16:30 - 18:00)

   -**Conveners: Session Chair Francesco Cerutti**

time	[id] title	presenter
16:30	[12] Multifaceted, coded nuclear data libraries assemblage: TENDL-2023	SUBLET, Jean-Christophe
17:00	[91] Advanced features of ALEPH2 depletion code applied to radioprotection of nuclear facilities	ÇELIK, Yurdunaz
17:20	[72] Particle and radiation transport simulations: tackling user needs via software architecture layer abstractions	PREVITI, Alberto
17:40	[102] Session discussion	