



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

## Wednesday, 29 May 2024

### Session 4 - Shielding and dosimetry - Auditorium B. Touschek (12:10 - 13:10)

-Conveners: Session Chair Mario Santana Leitner

time	[id] title	presenter
12:10	[20] Radiation Protection Studies for CERN's HI-ECN3 Facility	AHDIDA, Claudia
12:30	[58] Shielding Assessment for Spallation Neutron Source Power Upgrade	GALLMEIER, Franz
12:50	[47] Shielding calculations for the Swiss Light Source upgrade	BESANA, Maria Ilaria

### Session 4 - Shielding and dosimetry - Auditorium B. Touschek (14:30 - 15:50)

-Conveners: Session Chair Hee-Seock Lee

time	[id] title	presenter
14:50	[59] Radiation shielding analysis for synchrotron radiation beamlines of 4th generation storage ring in Korea	BAKHITIARI, Mahdi
15:10	[34] Recent radiological studies at NSLS-II using the Monte Carlo code FLUKA	AUGUSTO, Ricardo
15:30	[13] From Bonner Spheres to real-time single-moderator neutron spectrometers	BEDOGNI, Roberto

### Session 4 - Shielding and dosimetry - Auditorium B. Touschek (16:20 - 17:20)

-Conveners: Session Chair Irina Popova

time	[id] title	presenter
16:20	[29] The Tetra-Ball single moderator neutron spectrometer	Dr CABALLERO PACHECO, Miguel Angel
16:40	[71] CALLIOPE gamma irradiation facility and REX electron beam dosimetric intercalibration	D'ORSI, Beatrice
17:00	[67] Monte Carlo calculation code applications for the shielding design of a transportable positron generator	Mrs DUARTE, Inès