

Tuesday, September 20, 2022

Start	End	Session	
17:00	18:00	Registration	
18:00	20:00	Welcome Reception	

Wednesday, September 21, 2022

8:00	8:30	Registration				
8:30	8:50	Free time - getting acquainted with Gather Town				
8:50	9:00	FRIB Management	Welcome & Opening			
Start	End	Speaker	Affiliation	Track (Alt Track)	In-Person or Virtual	Title
Session 1 : Facility Reports / Shielding & Dosimetry						Chair : Anna Ferrari
9:00	9:20	Tom Ginter	FRIB	2	In-Person	Radiation Transport Simulations in Support of FRIB Initial Operation
9:20	9:40	Gunter Muhrer	ESS	2	In-Person	Shielding at the European Spallation Source: From Monte Carlo simulations to Reality
9:40	10:00	Thomas Miller	ORNL	2	In-Person	Overview of Shielding Analyses at Oak Ridge National Laboratory's Spallation Neutron Source Second Target Station
10:00	10:20	Josef Svoboda	LANL	2	In-Person	Simulation of Spallation Target Activation and Cask Dose Shielding
10:20	10:40	Bor Kos	ORNL	2	Virtual	THE ORNL R2S CODE SUITE (ORCS) FOR SHUTDOWN DOSE RATE SIMULATIONS
10:40	11:00	COFFEE BREAK				
Session 2 : Code Status, Advances, & Model Converters						Chair : Hideo Hirayama
11:00	11:20	Nikolai Mokhov	FNAL	4	Virtual	MARS15 Code Status and Path Forward
11:20	11:40	Igor Tropin	FNAL	4	Virtual	Composite Models in the MARS15 Code
11:40	12:00	Alfredo Ferrari	FLUKA Collaboration	4	Virtual	FLUKA: status and perspectives
12:00	12:20	Paola Sala	INFN	4	Virtual	The FLUKA group- and pointwise neutron treatment
12:20	12:40	Francesco Cerutti	CERN	4	In-Person	FLUKA status and perspectives
12:40	14:00	LUNCH				
Session 3 : Code Status, Advances, & Model Converters						Chair : Francesco Cerutti
14:00	14:20	Tatsuhiko Ogawa	JAEA	4	In-Person	Recent updates and shielding benchmark of PHITS
14:20	14:40	Andre Servelle	CERN	4	In-Person	Moirra: A bridge between Monte Carlo worlds
14:40	15:00	Lukas Zavorka	ORNL	4 (2)	In-Person	Neutronics Calculations with the Unstructured Mesh Model of the ORNL's Second Target Station
15:00	15:20	Yuefeng Qiu	KIT	2 (4)	Virtual	The On-the-fly Global Variance Reduction Technique and its application for IFMIF-DONES shielding analyses
15:20	15:40	Francisco Ogando	UNED	4	Virtual	Advanced Monte-Carlo methods for prompt and residual radiation calculations in light-ion accelerators
15:40	16:00	COFFEE BREAK				
Session 4 : Code Benchmarking & Intercomparison						Chair : Nikolai Mokhov
16:00	16:20	Juan Zamora	FRIB	4	In-Person	Scaling models for radiation transport calculations at FRIB
16:20	16:40	Dali Georgobiani	FNAL	5	In-Person	Attenuation of neutrons in labyrinths: comparison of various calculation techniques
16:40	17:00	Stefan Mueller	HZDR	5	In-Person	Simulation studies of a pion production target for the Mu2e-II experiment
17:00	17:20	Hideo Hirayama	KEK	5	In-Person	Inter-comparison of Particle Production (4)
17:20	17:40	Oliver Buss	NEA	5	In-Person	The Shielding Integral Benchmark Archive Database (SINBAD) Task Force
17:40	18:00	Yurdunaz Celik	SCK CEN, Belgium	5	In-Person	MCNP6 and PHITS benchmark calculations for proton accelerator shielding applications
18:00	18:30	Discussion Session				

Thursday, September 22, 2022

Start	End	Speaker	Affiliation	Track (Alt Track)	In-Person or Virtual	Title
Session 5 : Code Benchmarking & Intercomparison / Induced Radioactivity & Decommissioning						Chair : Mikhail Kostin
8:00	8:20	Nam-Suk Jung	PAL	5	In-Person	Activation benchmarking of metals by 9.6 GeV electrons at PAL-XFEL
8:20	8:40	Robert Froeschl	CERN	5	In-Person	Overview of benchmark studies at the CERN Shielding Benchmark Facility (CSBF) and the CERN High Energy Accelerator Mixed Field (CHARM) facility in the CERN East Experimental Area
8:40	9:00	Tommaso Lorenzon	CERN	3	In-Person	Radiation protection aspects of Long Shutdown 3 at the CERN LHC experiments: a methodology for residual activation assessments applied to the CMS case study
9:00	9:20	Reuven Rachamin	HZDR	3	In-Person	Activation calculations of selected RPV internal components for optimal decommissioning of nuclear power plants
9:20	9:40	Steven Lilley	STFC, UK	3	In-Person	Radiation transport calculations supporting the ISIS muon collimator replacement project
9:40	10:00	Alice Formento	CERN	3	In-Person	Radiation protection studies for new beam dumps at ISOLDE at CERN
10:00	10:20	COFFEE BREAK				
Session 6 : Shielding & Dosimetry						Chair : Hee-Seock Lee
10:20	10:40	Arnaud Devienne	CERN	2	In-Person	Radiological assessment for the renovation of the CERN East Area primary area and secondary beam lines
10:40	11:00	Claudia Ahdida	CERN	2	In-Person	Radiation protection assessment of the AMBER Drell-Yan program
11:00	11:20	Ken-ichi Kimura	Fujita Corp	2	In-Person	Fundamental investigation on concrete composite for radiation shielding in facilities
11:20	11:40	Hiroshi Iwase	KEK	2	Virtual	Sensitivity study of water and iron contents for neutron deep penetration in concrete
11:40	12:00	Ricardo Augusto	BNL	2	Virtual	ARI-SXN beamlines radiation shielding analysis
12:00	12:20	Federico Chiarelli	INFN-LNF	2	Virtual	The skyshine problem at the STAR facility due to the beam dumps and the dark current leakage
12:20	12:40	GROUP PHOTO				
12:40	14:00	LUNCH				
Session 7 : Source Terms / Medical Accelerators						Chair : Oliver Buss
14:00	14:20	Hee-Seock Lee	PAL/POSTECH	1	In-Person	Photo-neutron emission mechanism at low-energy photon interaction
14:20	14:40	Kenta Sugihara	KEK	1	Virtual	Measurement of neutron production yields of 345 MeV/u 238U + Cu with a time-of-flight method
14:40	15:00	Gonzalo Garcia-Fernandez	UPM	2 (3)	Virtual	Impact of new delivery methods in proton therapy on radiation protection of Compact Proton Therapy Centers (CPTC)
15:00	15:10	Manssour Fadil	Proposal for SATIF-16: GANIL + LPC Caen			
15:10	15:20	Raffaella Donghia	Proposal for SATIF-16: Frascati National Laboratories (INFN-LNF)			
15:20	15:40	Discussion Session				
15:40	16:00	COFFEE BREAK				
16:00	18:00	POSTER SESSION: VIRTUAL in GATHER TOWN				
18:30	21:00	WORKSHOP DINNER				

Friday, September 23, 2022

Start	End	Speaker	Affiliation	Track (Alt Track)	In-Person or Virtual	Title
Session 8 : Radiation Damage / High-Intensity Laser Facilities / Techniques & Applications						Chair : Reginald Ronningen
8:40	9:00	Yosuke Iwamoto	JAEA	6	Virtual	Intercomparison of radiation damage calculations in target materials at proton accelerator facilities using various Monte Carlo particle transport codes
9:00	9:20	Anna Ferrari	HZDR	8	In-Person	Shielding at high-power, high-intensity laser facilities: source term assessment for HED science and the Athena Lab for medical applications at HZDR
9:20	9:40	Anna Cimmino	ELI Beamlines	2 (8)	In-Person	Solid state dosimeters at Laser-Driven Accelerator Facilities
9:40	10:00	Ralf Buckermann	Framatome	2	In-Person	A new methodology for plugging of pipe/cable penetrations in shielding walls for gamma and neutron radiation
10:00	10:20	Yasuhito Sakaki	KEK	5 (2)	In-Person	Atmospheric-like neutrons and muons at the ILC beam dumps
10:20	10:40	COFFEE BREAK				
Concluding Session: Summary, Future Actions, SATIF-16						Chair: Dali Georgobiani
10:40	11:20	Hirayama/Mokhov	Follow-up of past SATIF agreements and future actions			
11:20	11:40	Oliver Buss	Remarks and future actions for SATIF-15			
11:40	11:50	SATIF-16 Venue Announcement				
11:50	12:00	Dali Georgobiani	Closing Comments			
12:00	13:00	LUNCH				
13:00	???	FRIB TOUR				