Session Program

20–23 Sept 2022

SATIF-15

Poster Session

Thursday 22 September

16:00

Poster Session: Virtual in Gather Town

Session

16:05–16:10

Modelling of Multilayer Shielding Scenario for High Energy Neutron Accelerator Based using PHITS

Speaker
Mrs Fitrotun Aliyah

16:10–16:15

Dosage Analysis and Irradiation Time Optimization of Negative Pi-Meson Therapy in Prostate Cancer Using PHITS Program

Speaker
Bachtiar Muhamad Arif

16:15–16:20

Shielding design for NanoTerasu - a compact 3 GeV next generation synchrotron radiation facility -

Speaker
Dr Hiroki Matsuda

16:20–16:25

Absorbed-Dose Energy Dependence for Luminophore Materials: A Monte Carlo Intercomparison

Speaker
Dr Anna Cimmino

16:25–16:30

Optimization of a Neutron Beam Shaping Assembly Design for BNCT and Its Dosimetry Simulation Based on Phits Version 3.26

Speaker
Prof. Yohannes Sardjono

16:30–16:35

Photon and neutron dose measurements and Monte Carlo evaluation at the Beam Test Facility of the INFN - Frascati National Laboratories

Speaker
Dr Raffaella Donghia

16:35–16:40

Measurements and Monte Carlo evaluations of shielding concrete radioactivation in a nuclear physics facility to verify the clearance levels.

Speakers
Dr Renata Leanza, Ms Salvatore Russo

16:40–16:45

GEANT4/FLUKA/MCNP comparison of secondary yields in processes relevant for the Mu2e experiment

Speaker
Anna Ferrari

16:45–16:50

Methodology and preliminary studies for the evaluation of induced radioactivity for the decommissioning of Synchrotron SOLEIL's storage ring.

Speaker
Jean-Baptiste PRUVOST

16:50–16:55

Preliminary Radiation Shielding Calculations for a New Facility Employing a Commercial Cyclotron at CGN Mianyang, Sichuan in China

Speaker
Mr Luis Fernando Salas Tapia

16:55–17:00

Measurement and calculation of high energy neutron spectrum and its dose after shielding at KEK electron-positron injector linac

Speaker
Mohd Faiz Mohd Zin

17:00–17:05

Shielding and activation simulations for the High Brilliance neutron Source (HBS) target station

Speaker
Dr Jingjing Li

17:05–17:10

Ensuring the Quality of 10 MeV MEVEX LINAC Electron Irradiation Beam based on The Calibration Procedure for Dosimetry System

Speaker
Dr Sy MInh Tuan Hoang

18:13