

Session Program

Oct 20 - 22, 2026

17th Workshop on Shielding Aspects of Accelerators, Targets, and Irradiation Facilities (SATIF-17)

Session 3. Code benchmarking and intercomparison

IBS Science Culture Center, Daejeon, Korea
Expo-ro, 55, Yuseong District, Daejeon, Korea

Tue, October 20

1:20 PM

Session 3. Code benchmarking and intercomparison: Session 3. Code benchmarking and intercomparison

Session | **Location:** IBS Science Culture Center, Daejeon, Korea, Expo-ro, 55, Yuseong District, Daejeon, Korea | **Convener:** Toshiya Sanami

1:20 – 1:40 PM

Overview and Results of the “Intercomparison” Reported at SATIF

Speaker

Dr Hideo Hirayama

1:40 – 2:00 PM

The Shielding Integral Benchmark Archive Database (SINBAD) Technical Review Group

Speaker

Davide Mancusi

2:00 – 2:20 PM

Nuclear Data Sensitivity and Uncertainty Analysis of the TIARA Fe and Concrete Shielding Benchmark from the SINBAD Database

Speaker

Ivan Alexander Kodeli

2:20 – 2:40 PM

Benchmark and applications of the Mesh-Enabled Fluence Weighting tool for Radiation Protection studies for the LHC experiments

Speaker

Bartosz IDZIOR

2:40 – 2:55 PM

Coffee Break

2:55 – 3:15 PM

Assessing stray neutron dose variability across Monte Carlo codes in a proton therapy scenario

Speaker

Dávid Horváth

3:15 – 3:35 PM

Benchmark activation experiment of various foil samples using the ESS accelerator dump line

Speaker

Tomás Dähn Costante

3:35 – 3:55 PM

Monte Carlo Benchmarking of Concrete Activation Induced by 9.7 GeV Electrons at PAL-XFEL

Speaker

Euna Lee

3:55 – 4:10 PM

Discussion : Session 3. Code benchmarking and intercomparison

4:10 PM