

Session Program

Oct 20 - 22, 2026

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

Session 4. Shielding and Dosimetry

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

Wed, October 21

8:40 AM

Session 4. Shielding and Dosimetry

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

8:40 – 9:00 AM

Beam-Loss and Shielding Evaluation Based on Neutron Dosimetry in the NanoTerasu Storage Ring

Speaker

Akihiro Takeuchi

9:00 – 9:20 AM

Gas Bremsstrahlung Measurements for Benchmarking PHITS Simulations at NanoTerasu

Speaker

Dr Seiya Hayakawa

9:20 – 9:40 AM

Comparison of CR-39 Personal Neutron Dosimeter Measurements and PHITS Calculations in a 24 GeV/c Proton-Induced Radiation Field

Speaker

Eunji Lee

9:40 – 9:55 AM

Discussion : Session 4a. Shielding and Dosimetry

9:55 AM

Thu, October 22

8:40 AM

Session 4. Shielding and Dosimetry

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

8:40 – 9:00 AM

Performances of the novel "TetraBall" single moderator neutron spectrometer at CMS from the analysis of 2025 and 2026 data

Speaker

Marco Costa

9:00 – 9:20 AM

Evaluation of the Second Target Station Standard Heavy Neutron Beamline Shutter

Speaker

Thomas Miller

9:20 – 9:40 AM

ISOLDE Beam Dump Replacement: FLUKA residual dose rate calculations for radiological planning

Speaker

Victor Garcia Balcaza

9:40 – 10:00 AM

Japanese Shielding Material Standard for facility design (Concrete Edition)

Speaker

Dr Koichi Okuno

10:00 AM

10:15 AM

Session 4. Shielding and Dosimetry

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10:15 – 10:35 AM

Radiations from $7\text{Li}(p,n)+^{235}\text{U}$ RIB source; Monte Carlo Radiation Transport Simulations and Measurements

Speaker

Sunil Chitra

10:35 – 10:55 AM

Remarks on neutron production of proton-induced 7Li nuclear data

Speaker

Saerom Kwon

11:10 AM

10:55 – 11:10 AM

Discussion : Session 4b. Shielding and Dosimetry