

Session Program

Oct 20 - 22, 2026

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

Session 2. Code status, development and model converters

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

Wed, October 21

9:55 AM

Session 2. Code status, development and model converters

Session | **Location:** IBS Science Culture Center, Daejeon, Korea, Expo-ro, 55, Yuseong District, Daejeon, Korea | **Convener:** Hee-Seock Lee

9:55 - 10:15 AM

Multiphysics, seven incident particles nuclear data libraries generation: TENDL-2025

Speaker

jean-christophe sublet

10:15 - 10:35 AM

Recent Developments of the Serpent Monte Carlo Code

Speaker

Ana Jambrina

10:35 AM

10:50 AM

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10:50 - 11:10 AM

MARS code developments and applications to DUNE/LBNF, PIP-II and Mu2E projects

Speaker

Igor Rakhno

11:10 - 11:30 AM

FLUKA: status and recent developments

Speaker

Anna Ferrari

11:30 - 11:50 AM

FLUKA new developments towards the 5th code generation

Speaker

Vasilis Vlachoudis

11:50 AM - 12:10 PM

Unstructured Mesh geometries in FLUKA: Recent Developments and Applications

Speaker

Giuseppe Mazzola

12:10 - 12:30 PM

AI-Agent-Assisted Shielding Calculations: Implementation of PHITS Workflows and Prospects for Multi-Code Monte Carlo Simulations

Speaker

Tatsuhiko Sato

12:30 - 12:45 PM

Discussion : Session 2. Code status, development and model converters

12:45 PM