

Session Program

June 29, 2026 to July 3, 2026



WONDER 2026

**Wonder 2026: 7th edition of the
International Workshop On Nuclear Data
Evaluation for Reactor Applications**

***Uncertainties and Covariance Matrices
(methodology and reactor calculation
impacts)***

Thu, July 2

1:50 PM

Uncertainties and Covariance Matrices (methodology and reactor calculation impacts)

Session | Convener: Grégoire Kessedjian

1:50 – 2:15 PM **Uncertainty propagation of nuclear data: how and what for?**

Speaker

Oscar Cabellos

2:15 – 2:40 PM

Fuel decay heat : Nuclear Data Needs from EDF perspective & Nuclear Data uncertainty propagation using CEA's next generation fuel inventory code MENDEL

Speaker

Oystein Bremnes

2:40 – 3:00 PM

ENDF/B-VIII.0 nuclear data uncertainty propagation with CASMO-5 on spent nuclear fuel

Speaker

Raphaëlle ICHOU

3:00 – 3:20 PM

Impact of nuclear data on decay heat calculations

Speaker

Francesco Esposito

3:20 – 3:40 PM

Evaluation of elastic angular distribution covariances for ^{56}Fe from EXFOR experimental data

Speaker

Juan Antonio Monleón de la Lluvia

3:40 – 4:00 PM

Stochastic-Sampling Framework for Sensitivity Analysis and Uncertainty Quantification Using the Serpent 2 Monte Carlo Code

Speaker

Ana Jambrina

4:00 PM