

Session Program

5-9 Jun 2023



WONDER 2023 : 6th International Workshop On Nuclear Data Evaluation for Reactor applications

Uncertainties and covariance matrices

Hôtel Aquabella d'Aix-en-Provence
2 rue des étuves, 13100 Aix en Provence

Thursday 8 June

14:50

Uncertainties and covariance matrices

Session | **Location:** Hôtel Aquabella d'Aix-en-Provence, 2 rue des étuves, 13100 Aix en Provence | **Convener:** Grégoire Kessedjian

14:50-15:20

Development of a new module to process covariances in the IRSN nuclear data processing code GAIA

Speaker

Pierre Sole

15:20-15:40

Producing uncertainties and covariance matrix from intermediate data using a Monte-Carlo method.

Speaker

Greg HENNING

15:40

Friday 9 June

09:20

Uncertainties and covariance matrices

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09:20–09:50

Target Accuracy Requirements (TAR) Exercise within WPEC/SG46 and Feedback on Nuclear Data Needs

Speaker

Dr Oscar Luis CABELLOS DE FRANCISCO

09:50–10:20

Nuclear Data Uncertainty Quantification for Reactor Physics Parameters in Fluorine-19-based Molten Salt Reactors

Speaker

Sigfrid Stjärholm

10:20–10:50

Application of nuclear data covariance matrices to representativity calculations for fast reactors

Speaker

Federico Grimaldi

10:50