

Session Program

5-9 Jun 2023



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

Evaluation of nuclear data

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

Wednesday 7 June

10:30

Evaluation of nuclear data

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

10:30-11:00

Update of the CIELO U238 resonance evaluation to improve LWR performance with burnup and LEU lattice criticality

Speaker

Roberto Capote Noy

11:00-11:30

Looking for one integral reference for the (n,f) reaction in actinides above 1 MeV

Speaker

Dr Ignacio Duran

11:30

Thursday 8 June

09:00

Evaluation of nuclear data

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09:00–09:30

Contribution to the JEFF project

Speaker

Carlos Paradela

09:30–09:50

Direct radiative capture calculations on ^{56}Fe

Speaker

Georgios Gkatis

09:50–10:10

Ongoing developments at the Decay Data Evaluation Project

Speaker

Sylvain Leblond

10:10–10:30

Evaluation of nuclear data using the Half Monte Carlo technique

Speaker

Erik Andersson Sundén

10:30

11:00

Evaluation of nuclear data

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11:00–11:30

Progress towards the ENDF/B-VIII.1 release

Speaker

Gustavo Nobre

11:30–12:00

A Nuclear Data Evaluation Pipeline for the Fast Neutron Energy Range - using heteroscedastic Gaussian processes to treat model defects

Speaker

Dr Alf Göök

12:00–12:30

Challenges in Nuclear Data Evaluations of Light Nuclear Systems

Speaker

Helmut Leeb

12:30

14:00

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14:00–14:30

Advancing the theory of nuclear data evaluations

Speaker

Goran Arbanas

14:30-14:50

study of (n,2n) reaction cross section of fission product based on neural network and decision tree models

Speaker

Xiaodong Sun

14:50