Session Program

8–12 Oct 2018

WONDER 2018 : 5th International Workshop On Nuclear Data Evaluation for Reactor applications

Nuclear fission, including prompt particle emission and fission yields

Grand Hôtel Roi René d'Aix-en-Provence, France
24 Boulevard du Roi René, 13100 Aix-en-Provence

Thursday 11 October

08:30

Nuclear fission, including prompt particle emission and fission yields
Session |
Location: Grand Hôtel Roi René d'Aix-en-Provence, France, 24 Boulevard du Roi René, 13100 Aix-en-Provence |
Convener: Patrick Talou

08:30–09:10
Systematic measurements of prompt fission γ-rays – and what they tell us about fission fragment de-excitation
Speaker
Andreas Oberstedt

09:10–09:40
Fission-fragment dependent prompt and isomeric gamma-ray emission in nuclear fission
Speaker
Stephan Oberstedt

09:40–10:10
Performance validation of the FALSTAFF first arm: 252Cf and 235U fission fragment characterisation
Speaker
Diane Doré

10:15

10:45

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10:45–11:15
Prompt fission neutron investigation in 235U(nth,f), 252Cf(sf) reaction
Speaker
Shakir Zeinalov

11:15–11:45
Status of fission fragments observables measured with the LOHENGRIN spectrometer
Speaker
Grégoire Kessedjian

11:45–12:15
Residual temperature distributions and systematic behaviours of residual quantitites following the sequential emission of prompt neutrons
Speaker
Anabella Tudora

12:15–12:45   **Advanced Modelling of 238U(n,f) in a Fast Reactor Application**
Speaker
Cristiana Oprea

12:45

14:15

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Convener: Olivier Litaize

14:15–14:45 **Computational Approaches to Whole Process of Nuclear Fission**

Speaker
Satoshi Chiba

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14:45–15:15

Prompt and Delayed Neutron Emission and Fission Product Yield Calculations with Hauser-Feshbach Theory and Beta Decay

Speaker
Shin Okumura

15:15–15:45 **Advances in the Simulation of Correlated Fission Data**

Speaker
Patrick Talou

15:45–16:15 **Constraining Fission Yields Using Machine Learning**

Speaker
Amy Lovell

16:15