

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: ^{252}Cf and ^{235}U fission fragment characterisation

Speaker

Diane Doré

10:15

10:45

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Convener: Stephan Oberstedt

10:45–11:15

Prompt fission neutron investigation in $^{235}\text{U}(\text{n},\text{f})$, $^{252}\text{Cf}(\text{sf})$ 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 quantities following the sequential emission of prompt neutrons

Speaker

Anabella Tudora

12:15–12:45

Advanced Modelling of $^{238}\text{U}(\text{n},\text{f})$ in a Fast Reactor Application

Speaker

Cristiana Oprea

12:45

14:15

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14:15–14:45

Computational Approaches to Whole Process of Nuclear Fission**Speaker**

Satoshi Chiba

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