

Session Program

5-9 Jun 2023



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

Microscopic and integral nuclear data measurements

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

Monday 5 June

14:30

Microscopic and integral nuclear data measurements

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

14:30–15:00

Recent Nuclear Data Activity at the RPI Gaerttner LINAC Center

Speaker

Prof. Yaron Danon

15:00–15:30

Total and Double Differential Scattering Cross-Section Measurements of Isotropic Graphite

Speaker

Dr ATSUSHI KIMURA

15:30–16:00

Experimental setup of the ^{239}Pu neutron capture and fission cross-section measurements at n_TOF, CERN

Speaker

Adrian Sanchez Caballero

16:00

16:30

Microscopic and integral nuclear data measurements

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

16:30–16:50

$^{50,53}\text{Cr}(n,\gamma)$ cross section measurement at n_TOF

Speaker

Pablo Perez Maroto

16:50–17:10

Toward the improvement of the ^{238}U level scheme thanks to γ -spectroscopy

Speaker

Carole CHATEL

17:10–17:30

Measurement of $^{242}\text{Pu}(n,f)$ in the [1;2MeV] energy range

Speaker

Ludovic MATHIEU

17:30–17:50

Investigation of (n,x) reactions with enriched Ge targets at 15.7 MeV at the upgraded facility of NCSR “Demokritos”

Speaker

Sotirios Chasapoglou

17:50

Tuesday 6 June

09:00

Microscopic and integral nuclear data measurements

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

09:00–09:30

Study of ^{149}Sm capture and total cross sections for burnup credit applications

Speaker

Athanasios Stamatopoulos

09:30–09:50

Study of (n,α) reactions of interest for nuclear energy

Speaker

Aurélien CHEVALIER

09:50–10:10

Validation of the Monte-Carlo efficiency calculation of the LOENIEv2 long counter for delayed neutron measurements

Speaker

Pierre LECONTE

10:10–10:30

Sample Worth Measurement of Calcium Hydride

Speaker

Prof. Jun-ichi Hori

10:30