Session Program

21–29 Jul 2022



15th International Conference on Nuclear Data for Science and Technology (ND2022)

Formats

Gather.Town

Tuesday 26 July

06:00

Formats: I

Session | **Location:** Delta King | **Convener:** Mike Herman

06:00–06:24 **GNDS-2.0**

Speaker
David Brown

06:24–06:36 **WPEC SG50: Developing an Automatically Readable, Comprehensive and Curated Experimental Nuclear Reaction Database**

Speaker
Dr Amanda Lewis

06:36–06:48 **Overview of experimental nuclear data from the n_TOF Collaboration**

Speaker
Emmeric Dupont

06:48–07:00 **Dissemination of nuclear structure and decay data**

Speaker
Paraskevi Dimitriou

07:00–07:12 **A decay database of coincident γ/γ and γ/X-ray branching ratios for in-field applications**

Speaker
Dr Aaron Hurst

07:12–07:24 **Overview of NNDC Web Services 2020-21**

Speaker
Benjamin Shu

07:30

09:30

Formats: II + Evaluation Methodology I

Session | **Location:** Delta King | **Convener:** Amanda Lewis

09:30–09:54 **Nuclear data activities for medium mass and heavy nuclei at Los Alamos**

Speaker
Matthew Mumpower

09:54–10:06 **The National Nuclear Data Center is a Public Reusable Research (PuRe) Data Resource**

Speaker
David Brown

10:06–10:18 **Modernization efforts for the R-Matrix code SAMMY**

Speaker
Dorothea Wiarda

10:18–10:30
239Pu R-matrix Analysis and Neutron Multiplicities in the Neutron Energy Region up to a few keVs

Speaker
Dr Marco Pigni

11:00

11:15

Formats: Evaluation Methodology II

Session | **Location:** Delta King | **Convener:** Dorothea Wiarda

11:15–11:39 **Updates to the evaluation of neutron induced reactions on ^{56}Fe target**

Speaker
Prof. Andrej Trkov

11:39–11:51 **Bayesian network evaluation of neutron-induced reactions of Fe-56**

Speaker
Georg Schnabel

11:51–12:03 **Limited confidence and overall consistency concepts in nuclear data evaluation**

Speaker
Mike Herman

12:03–12:15 **Bayesian Monte Carlo Evaluation Framework for Imperfect Data and Models**

Speaker
Jesse Brown

12:45