

Session Program

9-12 Feb 2026

**Workshop for Applied Nuclear Data Activities
(WANDA) 2026**

Poster Session

Hilton Arlington National Landing, 2399 Richmond Hwy, Arlington, VA, 22202

Monday 9 February

13:00

Poster Session: 1

Session | **Location:** Hilton Arlington National Landing, 2399 Richmond Hwy, Arlington, VA, 22202

13:00–13:04

A-01: Current Status on the INL HERMES-400 Gamma-Ray Microcalorimeter

Speaker

Paige Abel

13:04–13:08

A-02: Estimation of Neutron-Induced Fission Product Yield Uncertainties from Gamma Spectra Data with Bayesian Inverse UQ

Speaker

Christopher Brady

13:08–13:12

A-03: GODDESS: Techniques for neutron-induced surrogate reaction measurements

Speaker

J.A. Cizewski

13:12–13:16

A-04: Short-Lived Fission Product Signatures of Actinide Content for TRISO Fuels

Speaker

Stefania Dede

13:16–13:20

A-05: Quasi-Differential Experiments for Validation of Neutron Scattering Evaluations for Materials Used in Fusion Systems

Speaker

Julian Driebeek

13:20–13:24

A-06: Direct measurement of neutron-induced charged particle reactions relevant to fusion applications

Speaker

Panagiotis Gastis

13:28–13:32

A-08: Physically-Motivated Heteroscedastic Uncertainties for Bayesian Nuclear Model Combination

Speaker

Bailey Knight

13:32–13:36

A-09: Advances in Photon Strength Function Data Compilation and Assessment

Speaker

Kgashane Malatji

13:36-13:40

A-10: Neutron Elastic Scattering Cross Section and Angular Data with Fast Neutrons on Carbon using CoGNAC at LANSCE**Speaker**

Nicholas Mendez

13:40-13:44

A-11: Proton-Induced Nuclear Material Signatures for Space-Based Verification**Speaker**

Joseph Murphy

13:44-13:48

A-12: Constraining the Xenon Poison Neutron Capture Rate for Reactor Design and Nuclear Safeguards**Speaker**

Austin Rambo

13:48-13:52

A-13: Physics guided discrepancy learning for neutron induced cross sections**Speaker**

Karishma Shah

13:52-13:56

A-14: The MicroCALDERA Project: Active-Target Microcalorimeters for Nuclear Data**Speaker**

Jason Surbrook

13:56-14:00

A-15: Low-background gamma counting Facility at the NNDC**Speaker**

Ms Sanjaneer Waniganeththi

14:00

Tuesday 10 February

13:00

Poster Session: 2

Session | **Location:** Hilton Arlington National Landing, 2399 Richmond Hwy, Arlington, VA, 22202

13:00–13:03 **B-01: $^{54}\text{Fe}(d,p\gamma)^{55}\text{Fe}$ Reaction Measured with DAPPER**

Speaker

Arthur Alvarez

13:04–13:07

B-02: PETALE Benchmark for Neutron Transmission and Activation in Heavy Reflector Materials at CROCUS

Speaker

Robbie Baker

13:08–13:11

B-03: DICER64: Upgraded capabilities of a neutron transmission instrument at LANSCE

Speaker

Sotirios Chasapoglou

13:11–13:15

B-04: Enabling mission-critical cross section measurements: The LANSCE Enhancements Neutron Target Facility project

Speaker

Andrew Cooper

13:16–13:20

B-05: New measurements of spontaneous fission properties of Pu isotopes

Speaker

Matthew Devlin

13:20–13:24

B-06: Measurement of ^{78}mBr $2^- \rightarrow 1^+$ Transition Half-Life by Self-Coincidence Analysis in an Active Target $\text{LaBr}_3(\text{Ce})$ Detector

Speaker

Valentin Fondement

13:24–13:28

B-07: Machine Learning Informed Evaluation of Neutron-Induced Reaction Cross Sections

Speaker

Max Guzman

13:28–13:32

B-08: Development of a Transmutation Data Repository

Speaker

Cihang Lu

13:32-13:36

B-09: High Precision Gamma-ray Measurement and Evaluation of Radionuclides Relevant to Fusion Systems**Speaker**

Andrea Mattera

13:36-13:40

B-10: Reliability-based Nuclear Data Prioritization for Fusion Reactors**Speaker**

Enrique Miralles-Dolz

13:40-13:44

B-11: Comprehensive measurements of alpha induced reactions on $^{10,11}\text{B}$ isotopes**Speaker**

Som Paneru

13:44-13:48

B-12: Comprehensive measurement of the γ -ray strength function in even-even stable Mo isotopes**Speaker**

Logan Schaedig

13:49-13:53

B-13: Multi-Channel Study of Alpha-Induced Reactions on Light Nuclei**Speaker**

Maxwell Sorensen

13:54-13:56

B-14: New Measurements of Gamma-rays from Thermal Neutron Capture on Manganese**Speaker**

Alex Howe

13:57-13:59

B-15: Systematic Studies of Molybdenum Level Densities**Speaker**

Amadie Wijenarayana

13:59-14:00

B-16: R-MATRIX SCHOOL 2025**Speaker**

Marco Pigni

14:00