



WANDA 2025

February 10th-13th

Welcome!

Workshop for Applied Nuclear Data Activities
Sponsored by the Nuclear Data Interagency Working Group

A large, detailed photograph of the United States Capitol building in Washington, D.C., featuring its iconic dome and neoclassical architecture under a blue sky with scattered white clouds. The building's facade is composed of white marble with numerous columns and arches. An American flag flies on a tall pole to the left of the dome.

Ellen O'Brien
Staff Scientist
Isotope Program
Los Alamos National Laboratory
emobrien@lanl.gov

A professional headshot of Jesse M. Brown, a man with short, light brown hair and a mustache, wearing a grey suit jacket, a white shirt, and a dark blue tie. He is smiling against a dark blue background.

Jesse M. Brown
Staff Scientist
Nuclear Data Group
Oak Ridge National Laboratory
brownjm@ornl.gov

A professional headshot of Lisa Felker, a woman with long, straight brown hair, wearing a light-colored, possibly white, top. She is smiling against a light grey background.

Lisa Felker
NPRD Program Administrator
Lawrence Livermore National
Laboratory
felker7@llnl.gov



We're delighted to be at the Hilton Arlington National Landing this year

All sessions are in the Adams and Madison Rooms (here)

The Monroe I and II are available for side discussions all week

>170 registrants over the course of the week

Social (for those who registered)
Wednesday evening, 6-8pm, at the Hilton in the Crystal Ballroom

FLOOR PLAN KEY

 FUNCTION SPACE

 PUBLIC SPACE

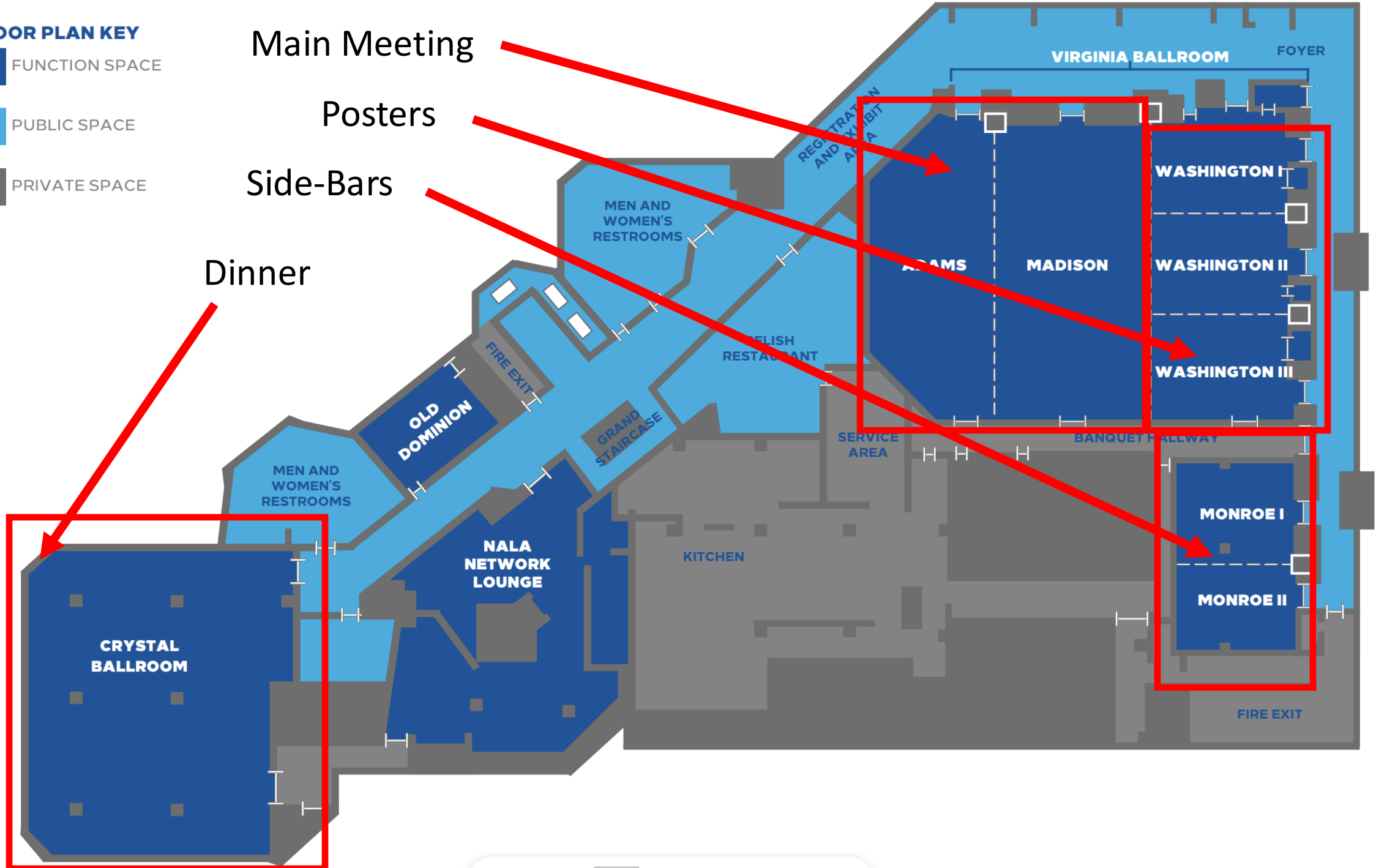
 PRIVATE SPACE

Main Meeting

Posters

Side-Bars

Dinner



VIRGINIA BALLROOM FOYER

WASHINGTON I

WASHINGTON II

WASHINGTON III

ADAMS

MADISON

MONROE I

MONROE II

OLD DOMINION

NALA NETWORK LOUNGE

MEN AND WOMEN'S RESTROOMS

BRITISH RESTAURANT

KITCHEN

SERVICE AREA

BANQUET HALLWAY

FIRE EXIT

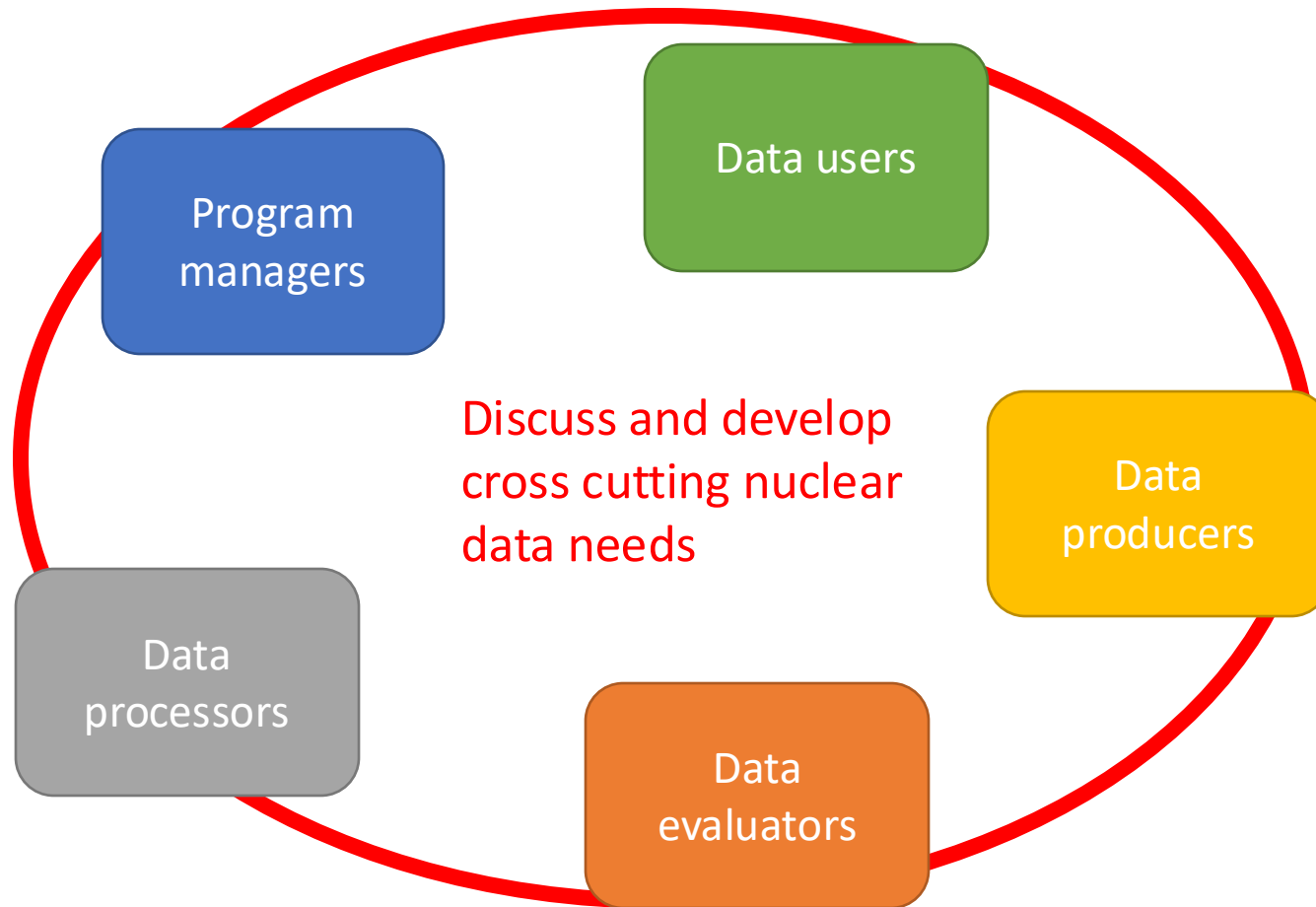
GRAND STAIRCASE

FIRE EXIT

MEN AND WOMEN'S RESTROOMS

CRYSTAL BALLROOM

WANDA 2025 Goals



The goals of each session are to:

- Present and discuss nuclear data needs from all steps along the pipeline
- Prioritize these needs
- Develop a plan to address the needs

At the end of WANDA, an overview document will be produced from the outcomes of each session

Previous workshop reports and presentations can be found:

<https://www.nndc.bnl.gov/ndwg/wanda.html>

WANDA Session Goals

- The goal of each session (Monday afternoon – through Wednesday) is to identify *actionable* nuclear data tasks that will have an impact on the application of interest, i.e. roadmapping
- Focus on *all* stages of the nuclear data pipeline: measurements, theory, evaluation, processing, validation; what is needed to get data to the users, not just now but also in the future?
- Where are there *overlaps* with multiple mission spaces?
- Where can opportunities be leveraged within existing and planned work?
- *Your participation is crucial!* The reported outcomes are based on comments and discussions that occur over the course of the week

Agenda for WANDA 2025

Date/time	Topic
Monday, 2/10, 8am – noon	Introduction and program manager review
Monday, 2/10, 1pm – 5pm	Nuclear Data & Deterrence Chairs: T. Bredeweg, J. Ressler, A. Couture
Tuesday, 2/11, 8am – noon	HALEU & Novel Moderators Chairs: T. Cutler, J. Ortensi
Tuesday, 2/11, 1pm – 5pm	FES: ND Prioritization Chairs: M. Loughlin, P. Romano, L. Bernstein
Wednesday, 2/12, 8am – noon	ND Preservation & Workflows (Pt 1) Chairs: D. Brown, A. Daskalakis
Wednesday, 2/12, 1pm – 5pm	ND Preservation & Workflows (Pt 2) Chairs: D. Brown, A. Daskalakis
Thursday, 2/13, 8am – noon	Current project reviews
Thursday, 2/13, 1pm – close	Session reviews and closing

Poster session, Tuesday 12:45-1:30pm

- Immediately following lunch, before the HALEU session
- Located in the [Washington Rooms](#) (behind this main room)
- Posters will be up all week – check them out during breaks, etc.
- Handouts (see Lisa and Stacy) have titles, presenters and abstracts

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Thank you in advance!

WANDA is not possible without all of your participation:

- Session chairs
- Speakers
- Rapporteurs
- Project PIs and DC program managers
- Nuclear Data Working Group
- Office of Nuclear Physics and the Nuclear Data Interagency Working Group (NDIAWG)
- Lisa Felker

Comments, questions, and suggestions?

- Ellen O'Brien, emobrien@lanl.gov
- Jesse Brown, brownjm@ornl.gov
- Lisa Felker, felker7@llnl.gov
- Todd Bredeweg, toddb@lanl.gov
- Jo Ressler, ressler2@llnl.gov