

ND2022

15th International Conference on Nuclear Data for Science & Technology

Website: <https://pls.llnl.gov/nd2022>

First Circular
June 10, 2021

Lawrence Livermore National Laboratory is organizing the 2022 International Conference on Nuclear Data for Science and Technology (ND2022).

The conference will be held July 24 – 29, 2022, at the SAFE Credit Union Convention Center in Sacramento, CA. USA. The convention center is located near downtown Sacramento as well as the California State Capitol, the historic Sacramento riverfront, hotels, museums, and restaurants.

ND2022 will be the 15th conference in a series held every three years starting in 1978, including most recently ND2013 in Manhattan, USA, ND2016 in Bruges, Belgium, and ND2019 in Beijing, China. The conference serves as the main forum for the international community of experimentalists, theorists, evaluators, and users of nuclear data to come together to review progress and identify outstanding needs in the field of nuclear data.

We recognize that the Covid19 pandemic continues to disrupt schedules and restrict international travel but remain optimistic that public health measures and vaccination efforts will continue to lower case rates and allow for an in-person ND2022 conference next summer. We continue to monitor the situation and will update the community if the status of ND2022 changes.

Topics at the conference will include:

- Nuclear reaction measurements
- Nuclear reaction and nuclear structure theory, models and codes
- Spallation
- Nuclear Data for Astronomy and Cosmology
- Medical Isotope properties and production
- Particle therapy
- Nuclear data libraries, processing, adjustment and consistency
- Covariances and uncertainty quantification
- Thermal neutron scattering
- Dissemination and formats
- Nuclear mass, structure and decay measurements
- Fission
- Nuclear data for fusion
- Experimental facilities
- Integral experiments and validation
- Nuclear data for reactors
- Other (non-reactor) applications of nuclear data
- Evaluation methodology
- Computational techniques and machine learning
- Education and outreach

Key Dates:

June 10, 2021

September 30, 2021

January 2022

March 2022

July 24, 2022

July 29, 2022

August 15, 2022

Abstract submission opens

Abstract submission deadline

Notification of abstract acceptance

Deadline for hotel reservations at group rate
and conference registration at regular rate

Conference begins

Conference ends

Article submission deadline

Venue:

ND2022 will be held in the SAFE Credit Union Convention Center near downtown Sacramento. The facility is currently being renovated and is scheduled to reopen in the summer of 2021.

The convention center is located 16 km from the Sacramento International Airport, with several local transport options providing frequent shuttle service to the center.

Room blocks at three nearby hotels have been reserved at the July 2022 U.S. government lodging rate for Sacramento (plus taxes and fees).



Sponsorship opportunities:

ND2022 still has space available for sponsors interested in setting up booths and connecting with the international nuclear data experts at the conference. Interested potential sponsors please contact the organizing committee at the email below.

Local organizing committee:

C. Mattoon, J. Escher, I. Thompson, R. Vogt (Lawrence Livermore National Laboratory)

Contact information: nd2022@listserv.llnl.gov