

ND2022 status update

CSEWG, Nuclear Data Week

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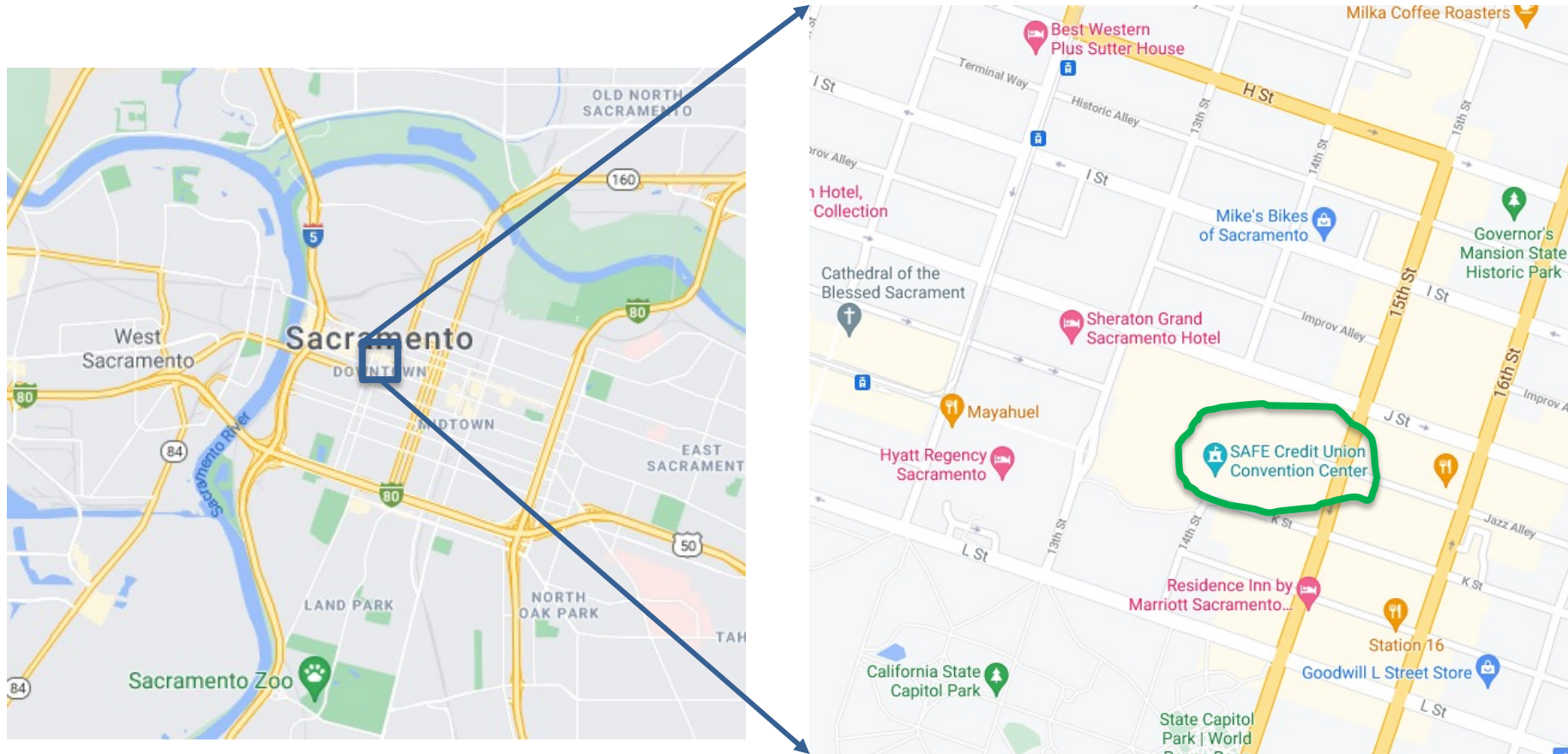
November 16, 2021



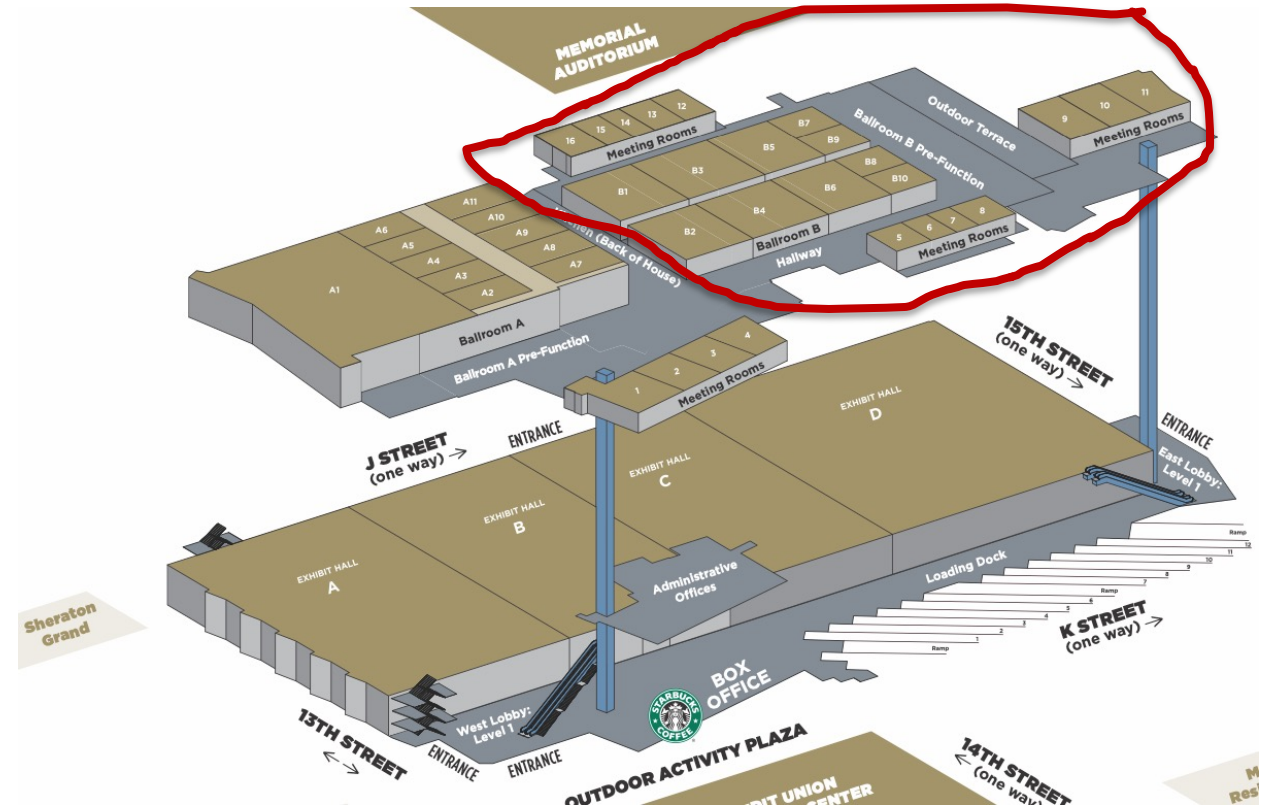
ND2022 to be held July 24-29, 2022. We are planning for an in-person event, but preparing for virtual or hybrid just in case...

- Over 450 abstracts submitted
- Most attendees indicate interest in attending in-person, but uncertainty due to Covid-19 could still force the event to switch to remote
- Please fill out the registration survey if you haven't already:
<https://indico.bnl.gov/event/9462/registrations/449/>
- Conference has been registered with U.S. Department of State
- Some conference logistics still very much in flux...

In-person event planned for July 24 – 29, 2022 at the SAFE Convention Center in Sacramento, CA



Venue: SAFE Credit Union Convention Center (recently remodeled)



Key dates:

- Website + abstract submission went live July, 2021
- Abstract submission deadline extended to October 20, 2021
- **Speakers / poster presenters notified December 2021 (deadline may slip to January)**
- March / April 2022, estimated deadline to reserve hotel rooms
- **ND2022: July 24 – 29, 2022**
- August – October 2022 accepting proceedings papers
- Fall 2022 - Summer 2023 complete refereeing process and publish proceedings
 - Proceedings to be published online-only with EPJ Web of Conferences

Abstract submission closed in mid-October, abstract review getting started

- 478 abstracts submitted by 415 authors
- Assuming 6 parallel sessions over 4 days, we have time for around 400 standard / invited talks
 - Likely need a shorter ‘flash talks’ session as well as poster session
- Some authors already indicated that they can only participate remotely

Submitted for tracks	
Nuclear reaction measurements	91
Fission	61
Nuclear reaction and nuclear structure theory, models and codes	52
Nuclear data libraries, processing, adjustment, consistency	40
Experimental facilities	36
Nuclear data for reactors	32
Thermal neutron scattering	24
Integral experiments and validation	21
Nuclear mass, structure and decay measurements	19
Covariances and uncertainty quantification	16
Other (non-reactor) applications of nuclear data	12
Evaluation methodology	11
Computational techniques and machine learning	11
Nuclear data for fusion	9
Nuclear data for astronomy and cosmology	8
Dissemination and formats	8
Particle therapy	8
Medical isotope properties and production	7
Nuclear data for space exploration	5
Education and outreach	3
Spallation	2

Other logistics

- Keynote addresses partly finalized
 - LLNL director Kim Budil to provide opening address
 - DOE representatives to discuss outstanding nuclear data needs
 - Reviews of recent improvements in theory, experimental capabilities, evaluated data libraries, applications
- Working on bringing students to present their research and help with conference logistics
 - Thanks to ANL, LANL and LBNL for offering student support!
- Planning to hold a banquet at the Sheraton.
- Still working to attract sponsors!

Hotel room blocks are still being worked out...

- We initially planned for 400 rooms at federal per diem (\$145/night). Those negotiations were put on hold in early 2020 due to Covid. We have resumed negotiating, but for a smaller room block.
- Hotels nearest the convention center are asking for higher attrition / cancellation rates than LLNL is willing to sign. We're looking at other nearby hotels with some success
 - One hotel offered 0 attrition but was then sold and will no longer be a hotel next year!
- We are still working on expanding available rooms but may not be able to offer enough rooms at per diem for all attendees!

Options for hybrid event (or in case we need to switch to fully remote)

- In case of a hybrid event, remote attendees will need to pay the same registration fee.
- Smaller reg. fee will apply if the event switches to fully remote
- Remote attendees should plan to pre-record and upload talks, then participate in a scheduled Q&A session.
 - Hope to use Zoom (wider user base than Webex), requires LLNL approval
- We are considering several options for virtual poster session
 - GatherTown (<https://www.gather.town>), Cvent (<https://www.cvent.com>)