

Update on ND2022

2021 WPEC Meeting

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Local Organizing Committee

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ND2022 will be held July 24 – 29, 2022 at the SAFE Convention Center in Sacramento, CA

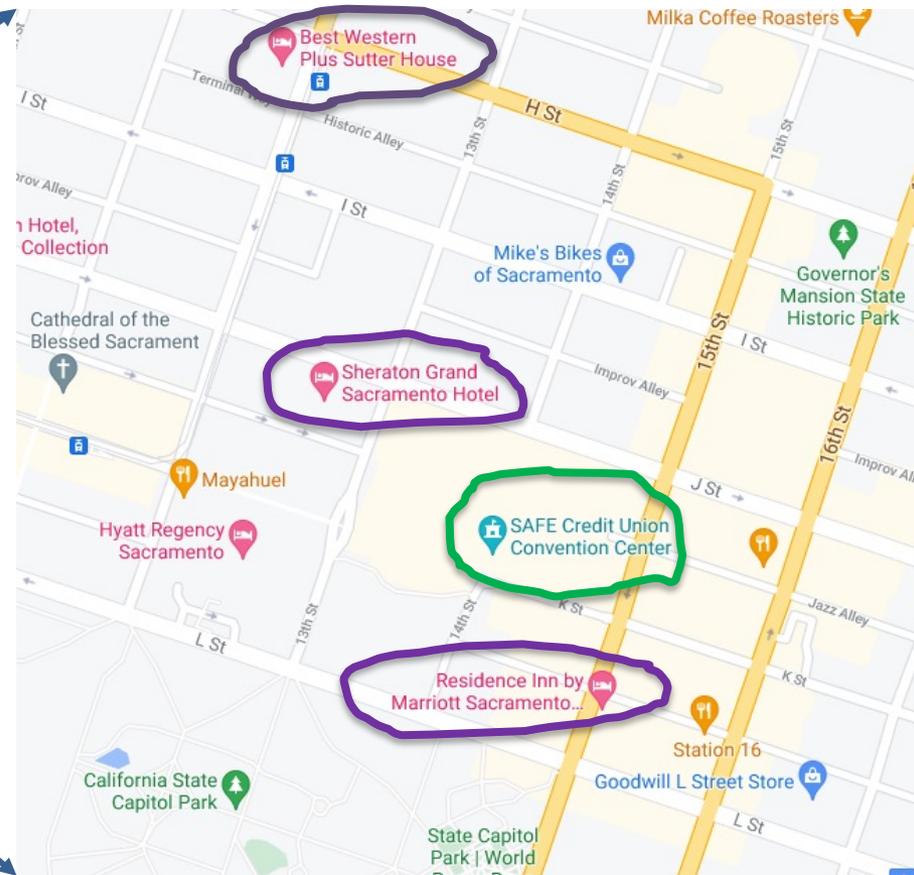
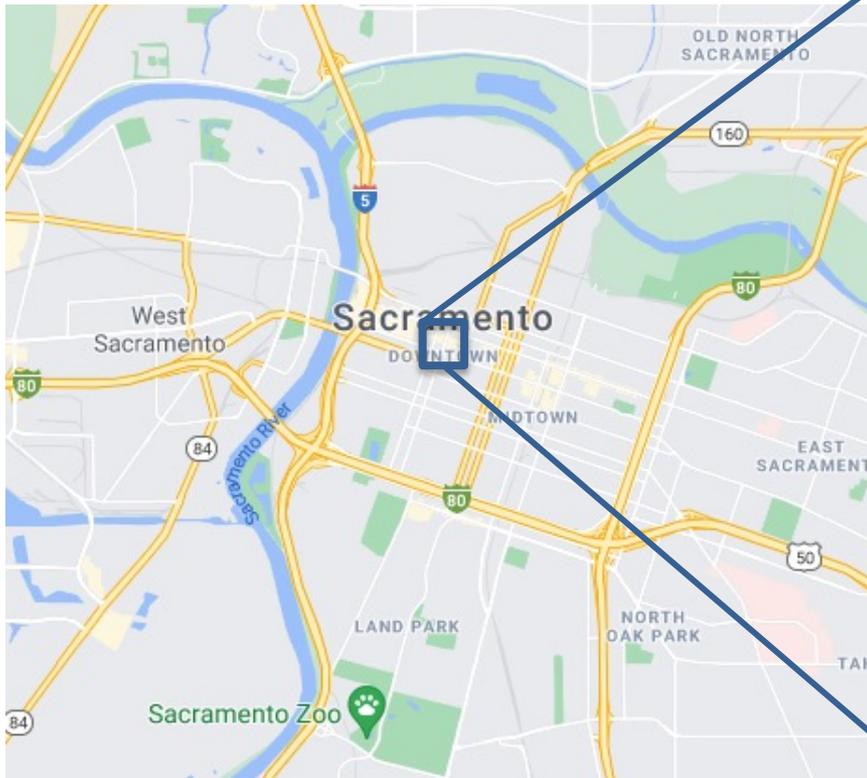
- SAFE Credit Union Convention Center is currently being renovated, reopens summer 2021
- 15 minute drive from Sacramento Intl. Airport with various shuttles and buses available
- Rooms reserved at 3 nearby hotels at U.S. government rate

The Covid pandemic is making conference planning more difficult, but recent trends are encouraging

- 36% of adults in CA now fully vaccinated, up 15% in the past month.
- Case rates in CA have fallen to 1 / 10,000 / day and continue to decline

We are planning for an in-person conference, but continue monitoring the situation

ND2022 will be held July 24 – 29, 2022 at the SAFE Convention Center in Sacramento, CA



SAFE Credit Union Convention Center

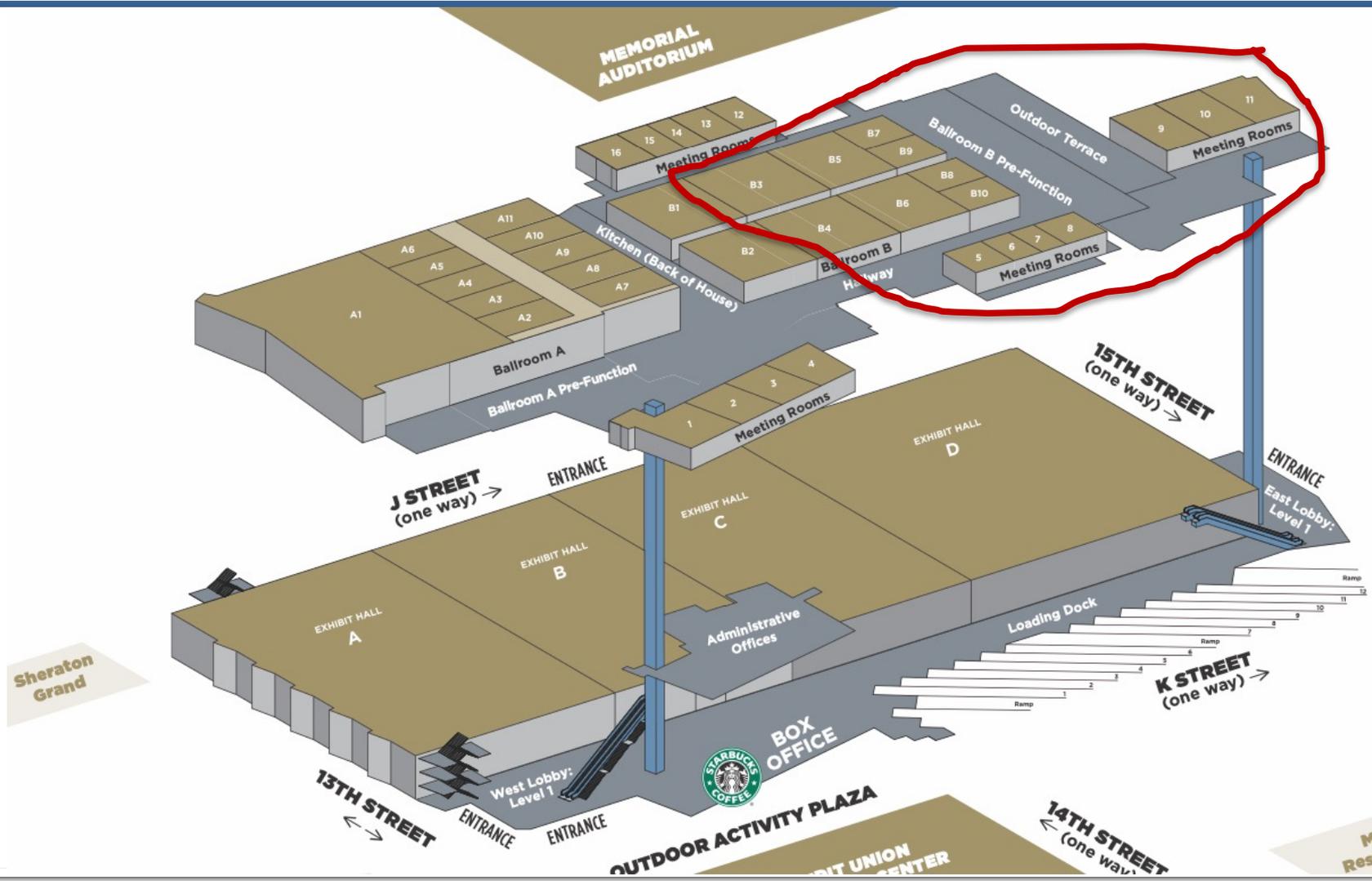
Current



Soon!



ND2022 will occupy the 2nd floor east wing of the convention center



Some logistics:

- Registration fee is estimated to be \$650 USD
- Optional banquet fee estimated \$95 USD per person
 - May be reduced with help from sponsors
- 405 hotel rooms reserved: 325 at Sheraton, 40 each at Residence Inn and Best Western
- Hotel per diem in Sacramento is \$145/night this year, likely around \$148/night next year
- Per diem for meals is \$66/day
- EPJ Web of Conferences selected to publish proceedings

Key dates:

- Website + abstract submission go live June 1, 2021
- Abstract submission closes September 30, 2021
- Speakers / poster presenters notified December 2021
- March / April 2022, estimated deadline to reserve hotel rooms at per diem rate
- **ND2022: July 24 – 29, 2022**
- August – October 2022 accepting proceedings papers
- Fall 2022 - Summer 2023 complete refereeing process and publish proceedings

Website will go live soon for abstract submission

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

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

24-29 July 2022
SAFE Credit Union Convention Center
US/Pacific timezone

Overview

Scientific Programme

Call for Abstracts

Registration

Participant List

Committees

Sponsors and Exhibitors

Conference Logistics

└ Travel

└ Accommodation

└ Visa Information

└ Student support

ND2022 Organizers

✉ ND2022@LISTSERV.LL...

ND2022 continues a series of conferences held every three years since 1978, most recently in Bruges, Belgium (ND2016) and Beijing, China (ND2019). This conference brings together international experts involved in generating and using nuclear data for a week of presentations and in-depth discussion.

While the Covid19 pandemic continues to disrupt our lives and restrict international travel in the near future, we remain optimistic that public health measures and vaccination will continue to lower case rates and allow for an in-person ND2022 conference next summer. We continue to monitor the Covid situation and will update the community if the status of ND2022 changes.

Topics:

- Nuclear reaction measurements,
- Nuclear mass, structure and decay measurements,
- Theoretical nuclear physics,
- Special focus on fission including theory, measurements and modeling,
- Development of new experimental capabilities and facilities,
- Generating, improving and validating evaluated nuclear data libraries,
- Processing nuclear data to prepare evaluated libraries for use in application codes,
- Improving data formats, tools and quality assurance,
- Uncertainty quantification and covariances, and
- Applications of nuclear data to fields ranging from reactor design to medical isotope production to nuclear non-proliferation to stellar nucleosynthesis.

- Website uses indico (thanks to BNL for hosting!)

Thanks to all who agreed to serve on the IAC:

E. Bauge

R. Capote

E. Chiaveri

Y. Danon

E. Dupont

V. Dimitriou

M. Fleming

T. Fukahori

Z. Ge

M. Herman

A. Hawari

S.-W. Hong

R. Jacqmin

A. Koning

I. Kodeli

Y.-O. Lee

D. McNabb

R. Mills

A. Plompen

D. Rochman

A. Sonzogni

V. Sobes

K. Tada

F. Tovesson

P. Talou

And on the program committee:

D. Brown

B. Carlson

A. Carlson

F. Cerutti

S. Chiba

J. Ignacio Marquez

Damian

M. Devlin

E. Dupont

U. Fishcher

M. Gilbert

F. Gunsing

W. Haeck

C. Howell

O. Iwamoto

C. Jouanne

A. Junghans

T. Kawano

C. Keppel

A.-C. Larsen

H. Leeb

M.-L. Mauborgne

A. Negret

C. Nesaraja

D. Neudecker

N. Otsuka

C. Percher

S. Peru

S. Qaim

D. Roubtsov

G. Savard

N. Schunck

S. Siem

A. Sonzogni

R. Surman

A. Trkov

S. Yennello

R. Zegers

Planned topical areas

Nuclear reaction measurements

Nuclear mass, structure and decay measurements

Nuclear reaction and nuclear structure theory, models and codes

Fission

Spallation

Nuclear data for fusion

Nuclear data for astronomy and cosmology

Experimental facilities

Integral experiments and validation

Nuclear data for reactors

Other (non-reactor) applications of nuclear data

Medical isotope properties and production

Particle therapy

Nuclear data libraries, processing, adjustment, consistency

Evaluation methodology

Covariances and uncertainty quantification

Computational techniques and machine learning

Thermal neutron scattering

Dissemination and formats

Education and outreach

Still need 1 or 2 IPC contacts for some topics



Other details

- Conference will be registered with U.S. State Department to help international travelers obtain visas
 - Registration requires that the website go live first
- New LLNL director Kim Budil has agreed to give the opening address, and has provided funds for some keynote speakers
- We have limited funds available to help sponsor students or others with financial need.
- Working on securing more sponsors to help with reception, food, banquet, etc.
- Banquet is likely to be July 28 at the Sheraton



