

NSAC Long Range Plan Town Hall Meeting on Nuclear Structure, Reactions and Astrophysics

14-16 November 2022

Argonne National Laboratory

Co-conveners: Alex Gade, Sofia Quaglioni, Grigory Rogachev, Rebecca Surman

Local scientific organizing committee: Michael Carpenter (chair), Ben Kay (co-chair)

Melina Avila, Jason Clark, Calem Hoffman, Filip Kondev, Toben Lauristen, Claus Mueller-Gatermann, Peter Mueller, David Potterveld, Walter Reviol, Guy Savard, Daniel Santiago, Darek Seweryniak, Marco Scilliano









Welcome to all participants, both in-person and online

It is important that **all virtual participants** be registered for the meeting.

https://indico.phy.anl.gov/event/22/page/40-registration

Please note that a dedicated Zoom link for the **Day 3 session** will be emailed to **registered stakeholders only**.

Code of Conduct

This meeting is governed by the ANL Code of Business Ethics and Conduct and the American Physical Society Code of Conduct

Excerpt: "It is the policy of the American Physical Society (APS) that **all participants**, including attendees, vendors, APS staff, volunteers, and all other stakeholders at APS meetings **will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination**, harassment, or retaliation. Participants will treat each other with respect and consideration to create a collegial, inclusive, and professional environment at APS Meetings. Creating a supportive environment to enable scientific discourse at APS meetings is the responsibility of all participants."

Code of Conduct

Any questions or concerns regarding the Codes of Conduct and potential violations should be directed to:

Jason Clark jclark@anl.gov 630-269-0335 Rebecca Surman rsurman@nd.edu 574-631-6590 Several members of the DNP Allies have also agreed to provide

assistance and support for this meeting.



Program overview

14 Nov: Plenary talks in core and cross-cutting areas Group photo to be taken during the lunch break

15 Nov: Working group breakout sessions APS Conference Center and Physics Division Auditorium https://indico.phy.anl.gov/event/22/page/42-working-group-sessions

16 Nov: Working group summaries, Resolutions

The product of this Town Meeting is a Whitepaper

- WG POCs have been provided with instructions, a word template including citation preference, deadlines, and page limits - will also be posted on town meeting website
 - Frame the challenges for topic, lay out progress since last LRP, and envision the opportunities in the next 5-10 years & impact and needs to realize them
 - Less than 10-12 pages each for the core topics
 - Less than 5-6 pages for each the cross-cutting and intersecting WGs
 - The shorter the better! Include compelling graphics (with appropriate permissions)
 - Executive summary around resolutions will pull it all together based on the WG topical sections which provide more details, examples, and graphics
 - Deadline: Drafts to the conveners by 18 Dec 2022

Diplomacy can be complicated – what our field has been doing: Consensus

- Take the United Nations as example (hundreds of member countries with diverse opinions ... sounds like us?)
 - Oppenheimer's international Law: "it is the long-established practice of the General Assembly and its Main Committees to strive for consensus wherever possible"
- Consensus
 - Consensus "is understood as the absence of objection rather than a particular majority"
- Why?
 - Example of U.N.: Consensus is reached when all Member States agree on a text, but it does not mean that they all agree on every single element of a draft document. They can agree to adopt a draft resolution without vote, but still have reservations about certain parts of the text. They explain their position to improve the text to strive to reach the widest possible agreement among the States.
 - Constructive compromise for the greater good

Additional logistics

<u>WiFi connection</u>: Please use the "Argonne Guest" network and register as a guest or Eduroam (with your institution credentials)

<u>Coffee break/lunch locations</u>: served downstairs in the lower gallery



