

NSAC Meeting March 2, 2020

David Hertzog, University of Washington, Chair, NSAC

Welcome to (old and) New Members

Conceptual Agenda:

Reports from Agencies / Information on Budgets

Presentation of COV Report: Filomena Nunes

Presentation of Mo-99 Report: Suzi Lapi

Invited talks on LRP Progress and other key Priorities

The FIRE Topical Collaboration -- Nicolas Schunck

The TMD Topical Collaboration -- Jianwei Qiu

This meeting is being webcast – below is the link.

<http://www.tvworldwide.com/events/doe/200302/>

<https://science.energy.gov/np/nsac/>

Some reminders ...

- We have many in the community and several NSAC Members who are **connecting Remotely**
 - Sadly, some are not well
 - PLEASE speak into the Microphones
 - Please remind folks what slide number or slide title you are on
- We will field questions first from NSAC
- We will also field Public Questions
- And, external questions that are emailed to Brenda May
 - Brenda.May@science.doe.gov,
- Public Comment is available, but you must arrange it with me or Brenda May so we can put it on the schedule

NSAC in 2020

		Term Started
David Hertzog	Univ. of Washington	4/1/2016
Mei Bai	Julich	4/1/2017
Geoffrey Greene	Univ. of Tennessee	4/1/2017
Silvia Jurisson	Univ. of Missouri	4/1/2017
Yury Kolomensky	Univ. of California	4/1/2017
Zein-Eddine Meziani	ANL	4/1/2017
Sofia Quaglioni	LLNL	4/1/2017
Jozef Dudek	College of William & Mary	4/1/2018
Olga Evdokimov	Univ. of Illinois	4/1/2018
Suzanne Lapi	Univ. of Alabama	4/1/2018
Artemis Spyrou	MSU	4/1/2018
Robert Janssens	Univ. of North Carolina	4/1/2019
Tanja Horn	Catholic Univ. of America	4/30/2019
Joseph Carlson	LANL	10/18/2019
Renee Fatemi	Univ. of Kentucky	10/18/2019
Bonnie Fleming	Yale Univ.	10/18/2019
Thomas Schaefer	NC State Univ.	10/18/2019
Rebecca Surman	Univ. of Notre Dame	10/18/2019
Boleslaw Wyslouch	MIT	10/18/2019
Sherry Yennello	Texas A&M	10/18/2019
Tori Forbes	Univ. of Iowa	3/1/2020

Physics Update Talks: A look at our LRP

- **Role and Contributions to the National Nuclear Science Program of ARUNA** -- Calvin Howell, Duke
- **Progress and Outlook in Nuclear Science on the Search for New Physics Using EDMs** -- Roy Holt, ANL
- **The Big Picture on the Search for New Physics and What Nuclear Science Fundamental Symmetries Experiments can Contribute to it** -- Vincenzo Cirigliano, LANL
- **Upgrade Status and Early Physics** -- Bob McKeown, Jefferson Lab
- **FRIB Construction Status and Day 1 Physics** -- Thomas Glasmacher, MSU
- **Theory Initiatives** -- Gail McLaughlin, NC State
- **Community Report on Double Beta Decay** – Nigel Smith, SNO Lab
- **Neutron Physics Status** -- Maynard Dewey, NIST
- **Nuclear Data Program** -- Alejandro Sonzogni, BNL
- **Physics Case for an Electron Ion Collider** -- Richard Milner, MIT
- **Quantum Information Science and Nuclear Physics** -- Martin Savage, UW & INT
- **Updates on GRETA & HRS** -- Heather Crawford, LBNL
- **Status of the GlueX Experiment** -- Curtis Meyer, CMU
- **Applied Nuclear Physics Program** -- Graham Peaslee, Notre Dame
- **The sPHENIX Project** -- Gunther Roland, MIT
- **The Double Beta Decay Topical Collaboration** -- Jonathan Engel, UNC
- **The Beam Energy Scan Theory Topical Collaboration** -- Swagato Mukherjee, BNL

- **The FIRE (Fission in R-process Elements) Topical Collaboration**
 - Nicolas Schunck
- **The TMD (Transverse Momentum Dependent) Topical Collaboration**
 - Jianwei Qiu

Today