

# NSAC Meeting October 18, 2019

David Hertzog, University of Washington, Chair, NSAC

**Welcome to (old and) New Members (see next)**

## **Conceptual Agenda:**

Reports from Agencies / Information on Budgets

Presentation of QIS-NP Report: Martin Savage

Invited talks on LRP Progress and other key Priorities

**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

## **New and Ongoing Charges:**

Committee of Visitors. Dec 9-11, 2019.

6<sup>th</sup> Annual Mo-99 Charge

# Some reminders ...

- We have many in the community and several NSAC Members who are **connecting Remotely**
  - PLEASE speak into the Microphones
  - Please remind folks what slide number or slide title you are on
- We will field questions from NSAC, subject to conflicts of interest
- We will field Public Questions next
- There will be time for Public Comment, but you must arrange it with me or Brenda May so we can schedule you in

# NSAC in 2019

CURRENT AS OF JULY 2019		
		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
Jenifer Shafer	Colorado School of Mines	1/1/2019
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

# Physics Update Talks from the last few years ...

- **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



**This Friday**

**We will invite the other TPCs for our next meeting**

# The Committee of Visitors meets Dec 9-11, 2019

- Will review management processes of the NP Office
  - Solicitations, reviews, recommendations, document proposal actions;
  - Monitoring of active projects and programs
  - Office staffing levels
- Filomena Nunes (MSU) will Chair



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