

NuSTEC Board Meeting

December 13 2023

Agenda

- Spokes Report and discussion
- Presentations of new board members
- Working Group reports
- NuSTEC School
- NuINT
- Discussion on P5 report

I. New Board members : NuSTEC is growing and expanding

- A number of members decided to step down from the board: Juan Antonio Caballero, Sam Zeller, Steve Brice. We thank them for their contributions and hope they will continue to participate in NuSTEC activities !
- Welcome to our new members ! (Procedure we have been following since the founding of NuSTEC is to select new members by consensus - no formal election)
 - ✓ Raul Gonzalez-Jimenez, Asia Sobczyk, Cristina Volpe, Tatsuya Kikawa, Afroditi Papadopoulou, Bryan Ramson, Kate Scholberg and Callum Wilkinson

Theorists

- Artur Ankowski (University of Wrocław, Wrocław, Poland)
- Luis Alvarez Ruso (IFIC, Valencia, Spain)
- Mohammad Sajjad Athar (Aligarh Muslim University, Aligarh, India)
- Steven Gardiner (MARLEY representative, Fermilab, IL, USA)
- Walter Giele (GENIE representative, Fermilab, IL, USA)
- Raúl González Jiménez (Complutense University of Madrid, Madrid, Spain)
- Yoshinari Hayato (NEUT representative, ICRR, Univ. Tokyo, Japan)
- Richard Hill (University of Kentucky and Fermilab, USA)
- Patrick Huber (Center for neutrino physics, Virginia Tech, Blacksburg, VA, USA)
- Natalie Jachowicz (co-spokesperson, Ghent University, Ghent, Belgium)
- Andreas Kronfeld (Fermilab, IL, USA)
- Marco Martini (IPSA, Paris, France)
- Saori Pastore (Washington University in St. Louis, St. Louis, MO, USA)
- Noemi Rocco (Fermilab, IL, USA)
- Paola Sala (FLUKA representative, INFN – Milan, Italy)
- Jan Sobczyk (nuWro representative, University of Wrocław, Wrocław, Poland)
- Joanna Sobczyk (Johannes Gutenberg-Universität Mainz, Germany)
- Cristina Volpe (CNRS, Université Paris Cité, France)

Experimentalists

- Adi Ashkenazi (e4nu representative, Tel Aviv University, Israel)
- Christoph Bronner (ICRR, Univ. Tokyo, Japan)
- Raquel Castillo Fernández (University of Texas, Arlington, USA)
- Dan Cherdack (University of Houston, Houston, TX, USA)
- Albert De Roeck (CERN, Geneva, Switzerland)
- Kirsty Duffy (University of Oxford, UK)
- Steve Dytman (University of Pittsburgh, Pittsburgh, PA, USA)
- Andy Furmanski (MicroBooNE representative, University of Minnesota, MN, USA)
- Teppei Katori (King's College London, UK)
- Tatsuya Kikawa (Kyoto University)
- Camillo Mariani (Center for neutrino physics, Virginia Tech, Blacksburg, VA, USA)
- Jorge G. Morfin (MINERvA representative, Fermilab, IL, USA)
- Ornella Palamara (Fermilab, IL, USA)
- Jonathan Paley (co-spokesperson, Fermilab, IL, USA)
- Vishvas Pandey (SBND representative, Fermilab, IL, USA)
- Afroditi Papadopoulou (Argonne National Lab, IL, USA)
- Roberto Petti (University of South Carolina, Columbia, SC, USA)
- Bryan Ramson (NOvA representative, Fermilab, IL, USA)
- Federico Sanchez (University of Geneva, Geneva, Switzerland)
- Kate Scholberg (Duke University, Durham, NC, USA)
- Callum Wilkinson (LBL, Berkeley, CA, USA)
- Clarence Wret (University of Rochester, NY, USA)

II. NuSTEC had a very active year !

We'll hear about all activities in the WG reports

- Workshops NuXTract (CERN October 23), MITP + NuSTEC (June 23)



This is a screenshot of an event announcement page. At the top, a red banner reads "MITP TOPICAL WORKSHOP". To the right, the event title "Neutrino Scattering at Low and Intermediate Energies" is shown, along with the dates "June 26 - 30, 2023" and a URL: "https://indico.mtp.uni-mainz.de/event/324". The background image shows a river scene with a boat and a building. Below the image, the text "Neutrino Scattering at Low and Intermediate Energies" is repeated. A search bar with the placeholder "Enter your search term" is visible. At the bottom, there is a navigation menu with "Overview" and "General Information" options. A short paragraph of text follows: "We are pleased to announce 'Neutrino Scattering at Low and Intermediate Energies' workshop organized in collaboration with NuSTEC!"

- Seminars
- White paper
- Preparations for NuINT (April 2024, Sao Paulo), NuSTEC school (June 2024)

III. Working groups

- Working group members : some people are contributing to the activities of the working groups without being board members, we want to encourage conveners to send us their names so we can list them on the website
- The by-laws suggest (renewable) 3-year terms for the working group conveners. We do not want to rotate all conveners at the same time, so it might be good to start thinking about new names for some of the working groups
- New (and old) members : please have a look at the list on the website and identify the WGs you'd like to contribute to

Workshops, Conferences and Schools Working Group

Conveners: [Artur Ankowski](#), [Adi Ashkenazi](#) and [Clarence Wret](#)

Members: [Stephen Dolan](#), [Vishvas Pandey](#) and [Joanna Sobczyk](#)

The mission of our group is to foster the collaboration between the theoretical and experimental members of the community by organizing joint workshops and schools. Our workshops present the latest theoretical and experimental results in neutrino interactions, review the existing knowledge, recognize the needs of the community and stimulate developments in the desired directions, as well as provide early-career researchers with opportunities to present their findings. Our schools play a fundamental role in fostering the understanding of neutrino interactions among students, ensuring the continuity of the expertise for the ongoing and future efforts of the community.

Cross Experiment Working Group

Conveners: [Dan Cherdack](#), [Kirsty Duffy](#) and [Vishvas Pandey](#)

Members: [Luca Doria](#)

The goal of the NuSTEC CEWG is to provide a service to the neutrino-nucleus interaction community by aiding communication between experiments, and building consensus on how to best perform and report cross section measurements.

III. Working groups

- Working group members : some people are contributing to the activities of the working groups without being board members, we want to encourage conveners to send us their names so we can list them on the website
- The by-laws suggest (renewable) 3-year terms for the working group conveners. We do not want to rotate all conveners at the same time, so it might be good to start thinking about new names for some of the working groups
- New (and old) members : please have a look at the list on the website and identify the WGs you'd like to contribute to

Cross Theory and Generators Working Group

Conveners: [Luis Alvarez-Ruso](#), [Steven Dytman](#), [Noemi Rocco](#) and [Jan Sobczyk](#)

The group has the main mission of strengthening the exchange of ideas among the theory and generator communities. Special attention will be made to including early career researchers. Although the organizers will be NuSTEC members, participation will be open to the broader community of interested researchers. Seminars on an approximately monthly schedule will be sponsored. Topics will be relevant to the theory and generator communities and can be suggested by any member of the community. Early career researchers will be emphasized when speakers are chosen.

Long-term Community Planning Working Group

Conveners: [Luis Alvarez-Ruso](#), [Yoshinari Hayato](#) and [Saori Pastore](#)

Members: [Sonia Bacca](#)

The group's mission is to:

- Advertise activities happening around the world to both the NuSTEC Board and NuSTEC-News.
- Organize meetings to discuss NuSTEC's activities and roles in international long-term planning programs.

III. Working groups

- Working group members : some people are contributing to the activities of the working groups without being board members, we want to encourage conveners to send us their names so we can list them on the website
- The by-laws suggest (renewable) 3-year terms for the working group conveners. We do not want to rotate all conveners at the same time, so it might be good to start thinking about new names for some of the working groups
- New (and old) members : please have a look at the list on the website and identify the WGs you'd like to contribute to

Outreach Working Group

Conveners: [Teppei Katori](#) and [Vishvas Pandey](#)

Members: [Afroditi Papadopoulou](#)

The outreach group focuses on enhancing NuSTEC's and community-wide neutrino interaction physics activities' outreach to and engagement with the broader neutrino and scientific community as well as with science enthusiasts.

To Follow NuSTEC activities:

- Subscribe to the "NuSTEC News" mailing list
Send an email to listserv@fnal.gov
Leave the subject line blank
Type "subscribe nusteo-news firstname lastname" (without the quotation marks) in the body You can also [view the email archive](#)
- Like and follow [NuSTEC News Facebook page](#)
- Use the Twitter hashtag [#nuxsec](#)

Publications Working Group

Conveners: [Andrew Furmanski](#), [Jorge Morfin](#)

Members: [Kajetan Niewczas](#)

The NuSTEC Publications Working Group oversees the preparation and publication of NuSTEC papers and documents.

IV. Spokes Election

- According to the by-laws co-spokes terms are two years, renewable
- The experimental co-spokes is up for election
- We will use the procedure used for the previous elections :
 - ✓ We will call for nominations, self-nominations welcomed, at the beginning of the new year.
 - ✓ Each member of the Board can nominate one experimentalist to fill the position.
 - ✓ Experimentalists receiving at least two nominations will be asked if they wish to run for election
 - ✓ Assuming there is more than one candidate, we ask them to prepare a statement so that the so-selected candidates can present what they see as their role in the future of NuSTEC and answer questions from the Board
 - ✓ Election will take place in February