
NuSTEC Board Meeting - December 2019

Spokes Report – Part II

Jorge G. Morfin

NuSTEC: Board Membership

◆ THEORISTS

- ◆ Artur Ankowski
- ◆ Luis Alvarez Ruso (co-spokesperson)
- ◆ Mohammad Sajjad Athar
- ◆ ~~Maria Barbaro~~
- ◆ Juan Antonio Caballero Carretero
- ◆ Walter Giele
- ◆ Richard Hill
- ◆ Patrick Huber
- ◆ Natalie Jachowicz
- ◆ Andreas Kronfeld
- ◆ Marco Martini
- ◆ Saori Pastore
- ◆ Noemi Rocco
- ◆ Toru Sato
- ◆ Jan Sobczyk

() indicates advisor

◆ EXPERIMENTALISTS

- ◆ (Steve Brice)
- ◆ Christoph Bronner
- ◆ Raquel Castillo Fernández
- ◆ Dan Cherdack
- ◆ Linda Cremonesi
- ◆ Albert De Roeck
- ◆ Kirsty Duffy
- ◆ Steve Dytman
- ◆ Andy Furmanski
- ◆ Yoshinari Hayato
- ◆ Teppei Katori
- ◆ Kendall Mahn
- ◆ Camillo Mariani
- ◆ Jorge G. Morfin (co-spokesperson)
- ◆ (Ornella Palamara)
- ◆ Jon Paley
- ◆ Roberto Petti
- ◆ Federico Sanchez
- ◆ Clarence Wret
- ◆ (Sam Zeller)

NuSTEC- Where we are now and where are we going?

- ◆ We are the collaboration with certainly the best overall view, experimentally and theoretically, of the successes and challenges of the neutrino-interaction community.
- ◆ We have addressed those challenges as a Board by:
 - ▼ staging schools to instruct new (and older) students (and professors) in the theory and practice of the physics.
 - ▼ Organizing selected workshops to cover poorly understood areas of the physics.
 - ▼ Producing a white paper that summarized the status of the communities studies of the physics.
- ◆ Members of the Board have pursued individual, group or collaboration projects to address the challenges:
 - ▼ For example: NuSTEC News introduced and produced by Teppei.

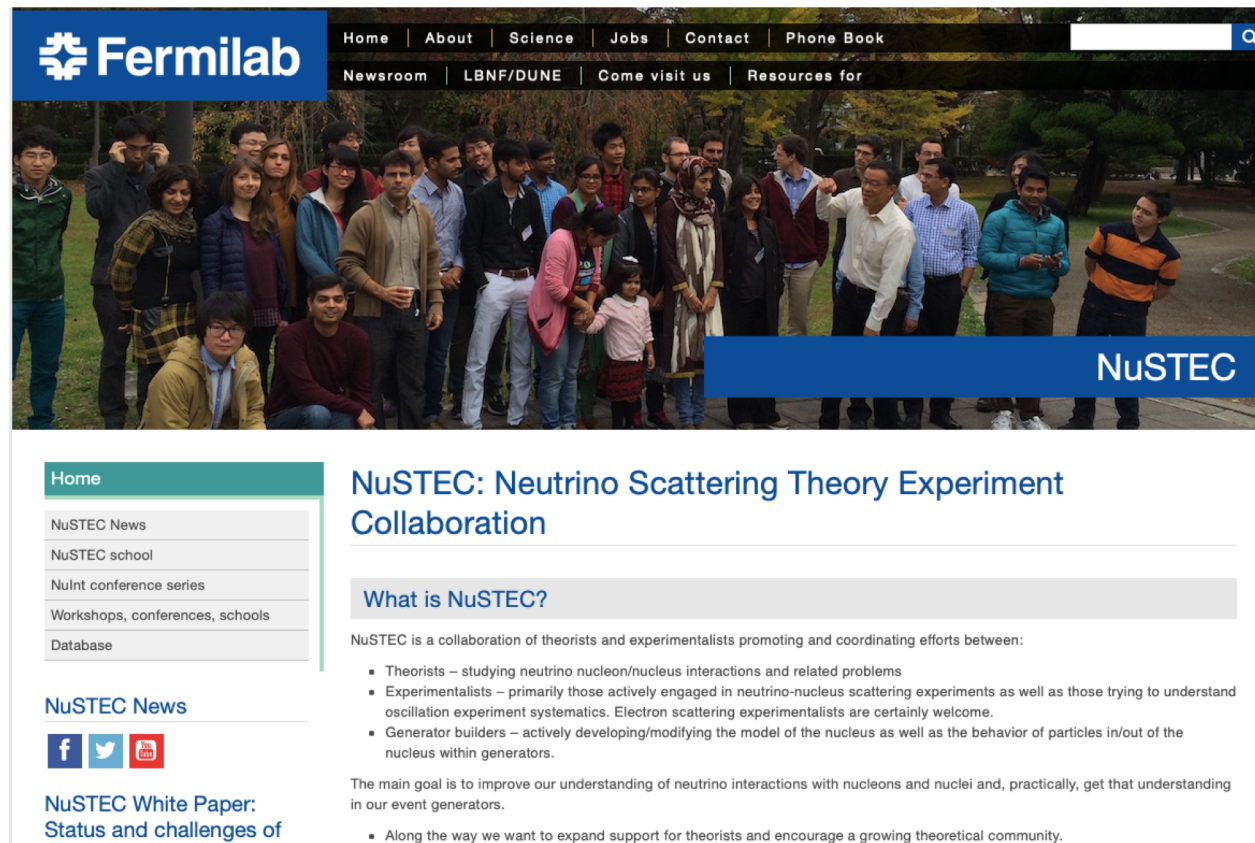
NuSTEC News – Teppei Katori

- ◆ Is a community newsletter about neutrino interaction physics sent to over 500 members of our community.
- ◆ Teppei has been reminding the community of upcoming NuSTEC workshops, schools, our white paper and issuing introductions to papers, important for our goals, as they reach the arXiv.
- ◆ This is a well-regarded connection to NuSTEC that is community-wide and represents a NuSTEC service that is much appreciated.
- ◆ With new responsibilities Teppei now has less time to devote to this.
- ◆ **Can we get a NuSTEC volunteer or better volunteerS to work with Teppei in issuing these NuSTEC News updates!**
 - ◆ **If you can help, please contact Teppei directly**

NuSTEC Web Page – Teppei Katori

<http://nustec.fnal.gov>

- ◆ Our past and planned efforts are summarized on our web page:



- ◆ Gravitas

- ▼ Shouldn't we also list the publications of individual Board Members.
- ▼ How about starting to attach NuSTEC Document numbers to our publications?

- ◆ Where do we go from here?

Is it time for a Follow-up of the NuSTEC White Paper?

More on this later in the meeting

NuSTEC White Paper: Status and Challenges of Neutrino-Nucleus Scattering

L. Alvarez-Ruso,¹ M. Sajjad Athar,² M.B. Barbaro,³ D. Cherdack,⁴ M.E.Christy,⁵ P. Coloma,⁶
T.W. Donnelly,⁷ S. Dytman,⁸ R. J. Hill,^{9, 10, 6} P. Huber,¹¹ N. Jachowicz,¹² T. Katori,¹³
A. S. Kronfeld,⁶ K. Mahn,¹⁴ M. Martini,¹⁵ J. G. Morfín,⁶ J. Nieves,¹⁶ G. Perdue,⁶
R. Petti,¹⁷ D. G. Richards,¹⁸ F. Sánchez,¹⁹ T. Sato,²⁰ J. T. Sobczyk,²¹ and G. P. Zeller⁶

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[NuSTEC White Paper: Status and challenges of neutrino–nucleus scattering](#)

[L. Alvarez-Ruso](#) ([Valencia U., IFIC](#)) *et al.*. Jun 12, 2017. 68 pp.

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e-Print: [arXiv:1706.03621](https://arxiv.org/abs/1706.03621) [hep-ph] |

• [Detailed record](#) - [Cited by 99 records](#)

How about two general meetings per year?

A Broader NuSTEC Workshop for Years without a NuInt?

- ◆ It is obvious we have (too) much to report in the 12 hours of this meeting. Should we try for two meetings a year with more time for each presentation?
- ◆ For years where there is no NuInt workshop (every three years - next such year is 2022) should we organize a full NuSTEC workshop to keep the community up on progress?

Establishing priorities – where are efforts and \$s best directed?

- ◆ From last year's meeting summary.
- ◆ This was one of the main questions addressed at the meeting. The idea of prioritizing experimental needs (for cross section studies) followed the feedback on the white paper received from funding agencies in the US.
- ◆ Following a general overview by Kendall, short presentations were made by representatives of the different experiments. It was clear that all experiments shared common needs but also had very specific ones.
- ◆ With no time to discuss further actions during the meeting, it was proposed to evolve these presentations into a common study/document and to call for focused meetings when appropriate.
- ◆ For this meeting, the presenters gave their personal views and were not speaking on behalf of the collaborations. However, to have an impact, the conclusions of such a report should be endorsed by the experiments.