NuSTEC

- web page: http://nustec.fnal.gov/
- Goal: achieve a better understanding of neutrino interactions with nucleons and nuclei
 - Foster the collaboration among experimentalists and theorists
 - Event generator improvement
 - Improve funding and opportunities for neutrino-oriented nuclear theorists

NuSTEC

- web page: http://nustec.fnal.gov/
- NuSTEC Board: 20 experimentalists including representatives of:
 - DUNE, MicroBoone, SBN, MINERVA, NOVA, T2K, SK, NEUT, NUISANCE
 - Steve Brice (Fermilab, IL, USA)
 - Christoph Bronner (ICRR, Univ. Tokyo, Japan)
 - Raquel Castillo Fernández (Fermilab, IL, USA)
 - Dan Cherdack (University of Houston, Houston, TX, USA)
 - Linda Cremonesi (University College London, UK)
 - Albert De Roeck (CERN, Geneva, Switzerland)
 - Kirsty Duffy (Fermilab, IL, USA)
 - Steve Dytman (University of Pittsburgh, Pittsburgh, PA, USA)
 - Andy Furmanski (University of Minnesota, MN, USA)
 - Yoshinari Hayato (NEUT representative, ICRR, Univ. Tokyo, Japan)
 - Teppei Katori (King's College London, UK)
 - Kendall Mahn (Michigan State University, East Lansing, MI, USA)
 - Camillo Mariani (Center for neutrino physics, Virginia Tech, Blacksburg, VA, USA)
 - Jorge G. Morfin (co-spokesperson, Fermilab, IL, USA)
 - Ornella Palamara (Fermilab, IL, USA)
 - Jon Paley (Fermilab, IL, USA)
 - Roberto Petti (University of South Carolina, Columbia, SC, USA)
 - Federico Sanchez (University of Geneva, Geneva, Switzerland)
 - Clarence Wret (University of Rochester, NY, USA)
 - Sam Zeller (Fermilab, IL, USA)
 - 5 new members
 - how large?
 - role of less active members

NuSTEC

- web page: http://nustec.fnal.gov/
- NuSTEC Board: 14 theorist including representatives of GENIE and NuWro
 - Artur Ankowski (SLAC, Stanford Univ., CA, USA)
 - Luis Alvarez Ruso (co-spokesperson, IFIC, Valencia, Spain)
 - Mohammad Sajjad Athar (Aligarh Muslim University, Aligarh, India)
 - Maria Barbaro (University of Turin, Turin, Italy)
 - Juan Antonio Caballero Carretero (University of Sevilla, Sevilla, Spain)
 - Walter Giele (GENIE representative, Fermilab, IL, USA)
 - Richard Hill (University of Kentucky and Fermilab, USA)
 - Patrick Huber (Center for neutrino physics, Virginia Tech, Blacksburg, VA, US)
 - Natalie Jachowicz (Ghent University, Ghent, Belgium)
 - Andreas Kronfeld (Fermilab, IL, USA)
 - Marco Martini (IRFU Saclay, Saclay, France)
 - Saori Pastore (Washington University in St. Louis, St. Louis, MO, USA)
 - Noemi Rocco (ANL and Fermilab, IL, USA)
 - Toru Sato (Osaka, University, Osaka, Japan)
 - Jan Sobczyk (nuWro representative, University of Wroclaw, Wroclaw, Poland)
- 4 new members: A. Ankowski, J. A. Caballero, S. Pastore, N. Rocco
- Replacing: M. Barbaro, O. Benhar, R. Schiavilla
- So far, new members have been elected by consensus
 - a better defined procedure might be needed.

- NuSTEC News
- NuSTEC White Paper: Status and challenges of neutrino-nucleus scattering (2017,2018), Prog. Part. Nucl. Phys. 100 (2018) 1-68
 - 99 citations in SPIRES; ≈50 in 2019



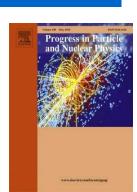
- NuSTEC Training in Neutrino Scattering Physics, Fermilab (2014, 2017)
- NuSTEC Neutrino Generator School, Liverpool (2014)
- NuSTEC School, Okayama (2015)
- Workshops:
- IPPP-NuSTEC topical meeting on "neutrino-nucleus scattering", Durham (2017)
- INT Workshop on Elementary amplitudes, Seattle (2018)
- NuSTEC SIS-DIS Workshop, L'Aquila (2018)
- NuSTEC Workshop on Neutrino-Nucleus Pion Production in the Resonance Region", Pittsburgh (2019)
- Board meetings: 2015, 2017 (2), 2018, 2019



- NuSTEC News
- NuSTEC White Paper: Status and challenges of neutrino-nucleus scattering (2017,2018), Prog. Part. Nucl. Phys. 100 (2018) 1-68
 - 99 citations in SPIRES; ≈50 in 2019
- Schools:
- NuSTEC Training in Neutrino Scattering Physics, Fermilab (2014, 2017)
- NuSTEC Neutrino Generator School, Liverpool (2014)

2019

- Oct 25-26, 2019, "NuMu2019 Workshop @ PSI", Paul Scherrer Institute, Switzerland"
- Oct. 2-5 2019, "NuSTEC Workshop on Neutrino-Nucleus Pion Production in the Resonance Region", University of Pittsburgh, USA
- Jul. 8-12, 2019, "Exploring Tensions in Neutrino-nucleus Cross Section Data", University of Pittsburgh, USA
- Jun. 3-7 2019, "Testing and Improving Models of Neutrino Nucleus Interactions in Generators", The European Centre for Theoretical Studies in Nuclear Physics (ECT*), Trento, Italy
- May 27-31 2019, "Neutrini and nuclei, challenges and opportunities for nuclear theory", The European Centre for Theoretical Studies in Nuclear Physics (ECT*), Trento, Italy
- NuSTEC Workshop on Neutrino-Nucleus Pion Production in the Resonance Region", Pittsburgh (2019)
- + several other "NuSTEC-related" activities



- Proposed activities (2019-):
 - Focused Workshop on resonances
 - NuSTEC School @ CERN (2019 or 2020)
 - Establish priorities
 - Increase smaller-group activities among NuSTEC collaborators...

- Proposed activities (2019-):
 - Focused Workshop on resonances
 - NuSTEC School @ CERN (2019 or 2020): start next January
 - Establish priorities pending...
 - Increase smaller-group activities among NuSTEC collaborators...
 - Ongoing scientific joint efforts
 - Cross Collaboration Working Group (D. Cherdak)

NuSTEC finances

- 500 euros royalties for the White Paper
- Authors agreed to use them for future NuSTEC activities
- Where to deposit?
 - Some institutions refused to handle it; large overheads in others...
- LAR agreed to receive it in his personal account (Nov 2018) and declare as income (2018 tax declaration)
- \sim 500 182.50 = 317.50 euros available
- A better solution for the future is desirable...