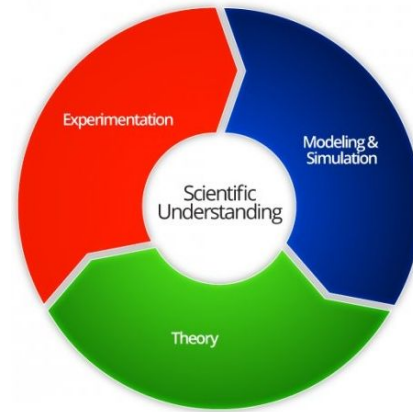


NuSTEC 'Cross Theory and Generators' Working Group

Conveners:

- Luis Alvarez-Ruso
- Steven Dytman
- Noemi Rocco
- Jan Sobczyk



Mission:

Strengthen the exchange of ideas among the theory and generators communities; promote and actively seek participation of early career researchers (PhD, postdocs,...)

Community:

Reach out to theorist and generator developers and users both inside and outside the NuSTEC community. **Advertising the initiatives of this working group to younger researchers will be crucial**

NuSTEC 'Cross Theory and Generators' Working Group

Initiatives:

- Organize monthly seminars on topics of general interest for the WG.
 - Special emphasis on the work of early career researchers
 - first suggestion for time is Wednesday at 9am CT, e.g. January 12 or 26
- Propose topics for collaborations relevant for the WG (smaller groups).
 - We are currently working on a list of possible activities.
 - Work with the community for best results

Communication:

- We will use the nustec_news mailing list for a broad distribution
- We will create a dedicated mailing list for a more effective communication (coordinate the activities, seminars etc) within the WG

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Preliminary plans for seminars:

- MicroBooNE generator tune
- Transverse kinematic imbalance theory and applications
- Nuclear effects at low energy and momentum transfer
- What electrons can teach us about neutrino interactions
- ...

Preliminary plans for activities:

- Multi-generator predictions for upcoming experiments
- Examine inputs/parameters of theory/generator calculations for consistency
- Neutrino-nucleon interactions in future experiments
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