Testing and Improving Models of Neutrino Nucleus Interactions in Generators

Monday, 3 June 2019

Plenary: Plenary - Meeting room (09:30 - 10:30)

time	[id] title	presenter
09:30	[1] Getting organize	Dr FIELDS, L.
10:00	[2] Review of short term plan of generators & requirements from experiments	Dr HAYATO, Y.

Plenary - Meeting room (11:00 - 12:00)

time	[id] title	presenter
11:00	[10] Exclusive electron scattering data for neutrinos,	Prof. HEN, O
11:30	[5] Unified electron and neutrino models	Prof. ASHKENAZI, A..

Plenary - Meeting room (13:30 - 15:30)

time	[id] title	presenter
13:30	[3] Short-Range Correlations and Lepton-Nucleus Interactions	Prof. HEN, O.
14:00	[6] Relativistic effects in the description of lepton-nucleus interaction	Prof. UDIAS, J
14:30	[14] Discussion	

Plenary - Meeting room (16:00 - 18:30)

time	[id] title	presenter
16:00	[7] Pion production models in CC0pi samples.	Dr RODA, M.
16:30	[15] Discussion	

Tuesday, 4 June 2019

Plenary - **Meeting room (09:00 - 10:30)**

time	[id] title	presenter
09:05	[8] SuSAv2 model	Dr MEGIAS, G.
09:35	[11] Hadron tensor implementation of the SuSa model	Dr DOLAN, S

Plenary - **Meeting room (11:00 - 12:30)**

time	[id] title	presenter
11:00	[13] Coulomb and Optical Potentials Working Group	
12:00	[12] Models of FSI in generators	Dr DYTMAN, S.

Wednesday, 5 June 2019

<u>Plenary</u> - Meeting room (09:00 - 09:30)

time	[id] title	presenter
09:00	[17] Introduction to spectral function approach	Dr ANKOWSKI, A.

Thursday, 6 June 2019

Plenary - Meeting room (09:15 - 10:20)

time	[id] title	presenter
09:15	[24] Review FSI discussions.	SOBCZYK, Jan

Plenary - Meeting room (10:50 - 12:30)

time	[id] title	presenter
10:50	[28] Summary of Theory API discussion	GARDINER, Steven
11:20	[19] Summary talk on RMF model, SuSAv2 and MC generators.	Dr GIMENEZ, Raul

Plenary - Meeting room (14:00 - 15:30)

time	[id] title	presenter
14:00	[25] Review hadron tensor implementations and factorisation	DOLAN, Stephen
14:20	[21] The current status and prospects of QMC calculations of lepton-nucleus interactions	Dr LOVATO, Alessandro
14:50	[27] Understanding stuck pions in 0pi events	PICKERING, Luke

Plenary: Plenary - Meeting room (16:00 - 18:00)

time	[id] title	presenter
16:00	[22] SF implementation in Genie	GARDINER, Steven
16:30	[30] SF Implementation in NuWro and Neut	Dr NIEWCZAS, K.
17:00	[23] Summary of the SF implementation in event generators working group	ROCCO, Noemi

Friday, 7 June 2019

Plenary - Meeting room (09:00 - 10:30)

time	[id] title	presenter
09:00	[32] GENIE experience and procedures on how to implement models	RODA, Marco
09:30	[34] Summary of the electron and neutrino unified model	ASHKENAZI, adi
09:50	[20] Low momentum working group summary	GARDINER, Steven
10:20	[31] Removal energy, Optical and Coulomb potential and a simple idea..	BODEK, Arie

Plenary: Plenary - Meeting room (11:00 - 12:30)

time	[id] title	presenter
11:00	[26] Summary of the MC generator status and plans	MCFARLAND, Kevin
11:30	[16] Discussion on next steps : continuation of the serie and reports.	