

NUFACT16 WG2 Status (28 June)

<https://docs.google.com/spreadsheets/d/1H4NHnRB-ryh96FJzg61Xqf50TY9CWcQv2EfcXwfjEaU/edit#gid=756437604>

4 Plenary talks (1h, 40min)

- Experiment
- Theory/Generators
- LBL systematics
- NuSTORM

2 Joint WG1+2 sessions (1.5+1.5 hrs)
1 Joint WG1+2+3 session (1.5 hours)

WG2 Sessions (10 hours ½):
Max 21 talks of 30 minutes

WG2 Parallel Sessions

Experimental talks:	9 Confirmed	1 not confirmed yet	2 Cancelled
Theory/MC talks:	5 Confirmed	1 only if supported	5 Declined

Abstracts submitted: **5; 3 Confirmed as talk**

65	[Aug. 22]		
66	WG parallel session #1: 1.5hrs (15:30 - 17:00)		
67	* 3 talks (25+5min x 3)		
68	T2K xsecs 1	Stephen Dolan	
69	MINERvA xsecs	Jeff Neslon	
70	NOvA xsecs	Jeremy Wolcott	
71	[Aug. 23]		
72	WG parallel session #2: 1.5hrs (10:45 - 12:15)		
73	* 3 talks (25+5min x 3)		
74	Athar	Weak Quasielastic Production of Hyperons	
75	Haider	Medium effects in the deep inelastic charged lepton/neutrino-A scattering	
76	Kamano	Isospin decomposition of the gamma N-->N* transitions as input for constructing	
77	WG parallel session #3: 1.5hrs (13:30 - 15:00)		
78	* 3 talks (25+5min x 3)		
79	FNAL short baseline status #1		
80	FNAL short baseline: MicroBooNE results		
81	LArAT results / status		
88	[Aug. 24]		
89	WG parallel session #4: 1.5hrs (10:45 - 12:15)		
90	* 3 talks (25+5min x 3)		
91	Meyer	Deuterium target data for precision neutrino-nucleus cross sections.	
92	Patrick Stowell	fits and MC constraints	
93	Damanik	Effects of neutrino mass on differential cross-section of elastic neutrino-electron sc:	
94	[Aug. 25]		
95	WG parallel session #5: 1.5hrs (10:45 - 12:15) - Joint with WG1		
96	Impact of Xsec Systematics on Oscillation Experiments >1 GeV		18.5+4
97	Impact of Xsec Systematics on Oscillation Experiments <1 GeV		18.5+4
98	DUNE Near Detectors		18.5+4
99	Hyper-K Near Detectors		18.5+4
100			
101	WG parallel session #6: 1.5hrs (13:30 - 15:00) - Joint with WG1		
102	Neutrino flux models and uncertainties		18.5+4
103	MINERvA Cross Section Measurements		18.5+4
104	T2K Near Detector Constraints for Oscillation Results		18.5+4
105	NOvA Near Detector Constraints for Oscillation Results		18.5+4
106			
107	WG parallel session #7: 1.5hrs (15:30 - 17:00) - Joint with WG1 + 3		
108	NuPIL Overview		18.5+4
109	MOMENT Overview		18.5+4
110	EMuS for MOMENT R&D and neutrino cross-section measurements		18.5+4
111	Hadron Production Measurements		18.5+4

113	[Aug. 26]		
114	WG parallel session #8: 1.5hrs (10:45 - 12:15)		
115	* 3 talks (25+5min x 3)		
116	T2K xsecs 2	Erez Reinherz-Aronis	
117	Kormos (T2K)?	?	? or MINERva xsec 2 ?
118	Duyang (NOvA	?	
119	WG parallel session #9: 1.5hrs (13:30 - 15:00)		
120	* 3 talks (25+5min x 3)		
121	ANNIE status	Frank Krennrich	
122	J-PARC T60	T. Fukuda	
123	tau @SPS	O. Sato	
124	WG parallel session #10: 1.5hrs (15:30 - 17:00)		
125			
126			

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24	WG2 Experimental					
25	* FNAL short baseline status #1	(ICARUS, uBooNE, SBND)	Invitation Sent (Gabe)		Not confirmed yet	
26	* FNAL short baseline: MicroBooNE results		Invitation Sent (Gabe)		S. Zeller confirmed they will send a speaker (to be named)	
27	* LArIAT results / status		Invitation Sent (Gabe)		J. Raaf confirmed they will send a speaker (to be named)	
28	* ANNIE status		Invitation Sent (Gabe)		Frank Krennrich is the confirmed speaker	
29	* NOvA xsecs		A. Himmel will invite.		Jeremy Wolcott is the confirmed speaker	
30	* MINERvA xsecs 1		Invitation Sent (Gabe)		Jeff Nelson is the confirmed speaker (also delivering a plenary)	
31	* MINERvA xsecs 2		Cancelled? - YES		Cancelled	
32	* T2K xsecs 1		Will send invitation (Hide)		Stephen Dolan is the confirmed speaker	
33	* T2K xsecs 2		Will send invitation (Hide)		Erez Reinherz-Aronis is the confirmed speaker	
34	* T2K ND upgrade		Cancelled.		T2K and Hyper-K will coordinate and include T2K ND upgrade plans in the HK ND talk	
35	* J-PARC T60		Will send invitation (Hide?)		T. Fukuda confirmed they will send a speaker (T. Fukuda himself)	
36	* DsTau (tau-nu CC) - Abstract by Aki Ariga		Invitation Sent (Hide)		O. Sato	
37	NC Pi0 coh (NOvA)		Invitation Sent (Gabe)		Not confirmed yet	Abstract by Duyang
38	CC0Pi T2K on axis		?		?	Abstract by Kormos
39						

40	WG2 Theoretical + Generators					
41	* Meyer (deuterium)		Sent invitation (Marco)		Meyer (Hill group?) will send someone	Deuterium target data for precision neutrino-nucleus
42	* Rodrigues/Wilkinson (fits and MC constraints) - could also be Andreopou		Sent invitation (Marco)		Patrick Stowell	
43						
44	* Amaro		Sent invitation (Marco)		Declined	
45	* Rocco		Sent invitation (Marco)		Noemi declined (no funds)	
46	* Ghent		Sent invitation (Marco)		Declined	
47	* Super-scaling		Sent invitation (Marco)		Declined	
48	* Valencia		waiting the plenary			
49	*Coloma (impact on osc.)		WG1+2 Sent (Marco)		Declined	
50	*Giusti		Sent invitation (Marco)		Declined	
51	*Athar		Sent invitation (Marco)		If supported for the hotel	Weak Quasielastic Production of Hyperons
52	*Kamano		Sent invitation (Marco)		Kamano will attend	Isospin decomposition of the gamma N->N* transitic
53	*H. Haider (DIS)		Sent invitation (Marco)		H. Haider will attend	Medium effects in the deep inelastic charged lepton/
54	* Asan Damanik (nu mass effect in nu-e elastic scattering) - Abstract subr		Invitation Sent (Hide)		Asan Damanik will attend	
55						

56	Abstracts submitted				
57	Damanik	Effects of neutrino mass on differential cross-section of elastic neutrino-electron scattering			
58	Ariga (Sato)	Tau-neutrino production study at CERN SPS: Novel approach by the DsTau experiment			
59	Kormos	Neutrino CC0pi double-differential cross section on hydrocarbon at the T2K on-axis detector			
60	Duyang	Neutrino Induced Neutral Current Coherent Pi0 Production in The NOvA Near Detector	Invitati		
61	Fukuda	J-PARC T60: Precise measurement of neutrino-nucleus interactions with Nuclear Emulsion			
62					