

NuSTEC Training in Neutrino Nucleus Scattering Physics

Fermilab, October 21-29, 2014

	Topic	Hours	Lecturer
1	Electroweak interactions on the nucleon	3	L. Alvarez-Ruso
2	Strong and electroweak interactions in nuclei	4	R. Schiavilla
3.1	Approximate methods for nuclei (I)	3	T. W. Donnelly
3.2	Approximate methods for nuclei (II)	3	J. Nieves
3.3	Ab initio methods for nuclei	3	O. Benhar
4	Pion production	3	T. Sato
5	Description of exclusive channels and final state interactions	3	P. Danielewicz
6	Inclusive electron and neutrino scattering in the deep inelastic regime	3	J. Owens
7	Impact of uncertainties in neutrino cross sections	2	P. Coloma
7T2K	Impact of uncertainties in neutrino cross sections: the T2K analysis	1	T. Dealtry
8.1	Selected experimental illustrations: LAr detectors	2	M. Soderberg
8.2	Selected experimental illustrations: Fine-grained detectors	2	C. Mauger
8.3	Cerenkov vs. fine-grained measurement techniques	1	K. Mahn

Timetable

Time\Date	21	22	23	24	25	26	27	28	29
09:30-10:30	1	1	2	3.1		3.2	4	4	5
11:00-12:00	8.1	2	3.1	3.3		6	3.2	3.2	7
13:30-14:30	1	2	8.1	3.3		8.2	6	5	7
15:00-16:00	2	3.1	3.3	8.2		4	5	6	7T2K
16:30-17:30							8.3		