

Nuclear and Particle Theory for Accelerator and Neutrino Experiments

Thursday, 9 May 2019

Morning Session (09:30 - 12:40)

time	[id] title	presenter
09:30	[22] Introduction	ROCCO, Noemi PASTORE, Saori
09:40	[1] Neutrino-nucleus interactions from a neutrino phenomenology point of view	MACHADO, Pedro
10:10	[2] Lattice QCD calculations of electric, magnetic and axial vector form factors	GUPTA, Rajan
10:40	Coffe Break	
11:10	[3] Non-Dispersive Optical Model	ATKINSON, Mack
11:40	[4] Exclusive nucleus- ν cross sections with Quantum Computers	ROGGERO, Alessandro
12:10	[27] Discussion	Dr KRONFELD, Andreas

Friday, 10 May 2019

Morning Session: Morning Session (09:30 - 13:00)

time	[id] title	presenter
09:30	[11] Precise neutrino-oscillation experiments require accurate Monte Carlo simulations	ANKOWSKI, Artur
10:00	[20] Beginnings of Quantum Monte Carlo Short-Time Approximation Implementations for IHe-4 and IC-12 Scattering in GENIEv4	BARROW, Joshua
10:30	Coffe Break	
11:00	[10] From light-nuclei to neutron matter within chiral dynamics	PIARULLI, Maria
11:30	[12] Neutrinoless double beta decay in effective field theory	DEKENS, Wouter
12:00	[24] Discussion	

Saturday, 11 May 2019

Morning Session: Morning Session (09:30 - 13:10)

time	[id] title	presenter
10:00	[19] Nucleon momentum distributions and short-range correlations	WIRINGA, Bob
10:30	[9] Recent developments in the GENIE treatment of quasielastic scattering	GARDINER, Steven
11:00	Coffe Break	
11:30	[21] Basic considerations of cross section	LI, Shirley
12:00	[26] Discussion	
12:30	Concluding Remarks	