

CIPANP 2018 - Thirteenth Conference on the Intersections of Particle and Nuclear Physics

Tuesday, 29 May 2018

Nuclear Forces and Structure, NN Correlations, and Medium Effects: Parallel 1 — Neutron-Rich Matter and the EOS - North Foyer | Kachina Room (14:00 - 15:40)

-Conveners: Scott Bogner

time	[id] title	presenter
14:00	[165] Laboratory Probes of the Neutron-Matter Equation of State	Dr TSANG, Betty
14:20	[71] Overview of Experimental Data on the Neutron-Matter Equation of State and the Neutron Skins of ^{48}Ca and ^{208}Pb	Dr RIORDAN, Seamus
14:40	[231] Neutron Skins and Neutron Star Properties	Dr FATTOYEV, Farrooh
15:00	[166] Nuclear-Matter Equation of State from Chiral Effective Field Theory	Dr DRISCHLER, Christian
15:20	[115] Constraining Ab Initio Models and the Nuclear Force with Rare Isotopes	Prof. KANUNGO, Rituparna

Wednesday, 30 May 2018

Nuclear Forces and Structure, NN Correlations, and Medium Effects: Parallel 4 — Color Transparency | EMC Effect | Coulomb Sum Rule - South Foyer | Pinon Room (16:10 - 18:30)

-Conveners: Gerald Miller

time	[id] title	presenter
16:10	[215] Understanding the EMC Effect Through Tagged Processes with ALERT	ARMSTRONG, Whitney
16:40	[323] Update on the Jefferson Lab Hall A Tritium Experiments	Dr SCHMIDT, Axel
17:10	[183] New Measurements of the EMC Effect in Hall-C at Jefferson Lab	Dr POOSER, Eric
17:35	[113] The Search for the Onset of Color Transparency	Prof. DUTTA, Dipangkar
18:00	[134] The Search for the Color Transparency in Hall C at Jefferson Lab	SZUMILA-VANCE, Holly

Thursday, 31 May 2018

Nuclear Forces and Structure, NN Correlations, and Medium Effects: Parallel 5 — Short-Range Correlations - North Foyer | Kachina Room (14:00 - 15:40)

-Conveners: Gerald Miller

time	[id] title	presenter
14:00	[190] New Studies of the EMC Effect and Short-Range Correlations	Prof. HEN, Or
14:25	[213] Isospin Dependence of the EMC Effect and Nucleon Short-Range Correlations	SCHMOOKLER, Barak
14:50	[100] Short-Range Correlations	Dr YE, Zhihong
15:15	[182] New Results on Three-Nucleon Short Range Correlations	SARGSIAN, Misak

Nuclear Forces and Structure, NN Correlations, and Medium Effects: Parallel 6 — Nucleon/Nuclear Structure and Fundamental Symmetries - North Foyer | Kachina Room (16:10 - 18:30)

-Conveners: John Arrington

time	[id] title	presenter
16:10	[186] The Nucleon Axial Coupling from Quantum Chromodynamics	Dr CHANG, Chia Cheng
16:40	[263] The Nucleon Axial Form Factor from Quantum Chromodynamics	Dr GUPTA, Rajan
17:10	[121] Neutrinoless Double Beta Decay in Chiral Effective Field Theory	Dr CIRIGLIANO, Vincenzo
17:30	[114] Current Status of Neutrinoless Double-Beta Decay Matrix Elements	MENENDEZ, Javier
17:50	[76] Overview of Nuclear Beta Decay Tests of Fundamental Symmetries	GARCIA, Alejandro
18:10	[63] Multi-Wire 3D Gas Tracker for Searching New Physics in Nuclear Beta Decay	Dr ROZPEDZIK, Dagmara

Friday, 1 June 2018

Nuclear Forces and Structure, NN Correlations, and Medium Effects: Parallel 8 — Ab Initio Forces, Models, and Nuclei at Weak Binding - North Foyer | Kachina Room (16:10 - 18:30)

-Conveners: Bradley Sherrill

time	[id] title	presenter
16:10	[92] Current Status of Nuclear Forces from Chiral EFT	Prof. EPELBAUM, Evgeny
16:40	[342] Microscopic Shell Model Interactions and Effective Operators	BOGNER, Scott
17:10	[106] Experimental Tests of Ab Initio Calculations of Nuclear Structure	Prof. WUOSMAA, Alan
17:30	[341] Current Status of Very-Large-Basis Hamiltonian Diagonalizations for Nuclear Physics	Prof. JOHNSON, Calvin
17:50	[317] Prospects for ab-initio Calculations of Nuclei with Quantum Computing	Dr DUMITRESCU, Eugene
18:10	[278] Weakly Bound Neutron-Rich Nuclei and Cosmic Phenomena	Prof. DATTA, Ushasi