

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

Tuesday, 29 May 2018

Particle and Nuclear Astrophysics: Parallel 1 — Neutrino Astrophysics - North Foyer | Joshua Tree Room (14:00 - 15:40)

-Conveners: Wick Haxton; Barry Davids

time	[id] title	presenter
14:00	[275] Astrophysical Neutrinos from IceCube	KLEIN, Spencer
14:20	[196] Results from ANITA	Dr DEACONU, Cosmin
14:40	[197] Precision Constraints on Nuclear and Neutrino Reactions via Big Bang Nucleosynthesis	Dr PARIS, Mark
15:00	[68] Neutrinos from Beta Processes in Presupernovae	Dr PATTON, Kelly
15:20	[159] Multi-Angle Simulations of Matter-Neutrino Resonance	Dr VLASENKO, Alexey

Wednesday, 30 May 2018

Particle and Nuclear Astrophysics: Parallel 3 — Nuclear Astrophysics - North Foyer | Joshua Tree Room (14:00 - 15:40)

-Conveners: Barry Davids; Wick Haxton

time	[id] title	presenter
14:00	[125] Stellar Explosions in the Lab: Measurements of Key Nuclear Reactions Driving Nucleosynthesis	Prof. CHRISTIAN, Greg
14:20	[28] Nuclear Astrophysics Underground: Status & Future	Prof. STRIEDER, Frank
14:40	[153] Improving Astrophysical Nuclear Rates with New Many-Body and Fewer-Body Reaction Models	Dr NOLLETT, Kenneth
15:00	[86] Probing Explosive Nucleosynthesis with TwinSol Measurements	BARDAYAN, Dan
15:20	[94] Sensitivity Study for the $^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$ Astrophysical Reaction Rate	HOLT, Roy

Thursday, 31 May 2018

Particle and Nuclear Astrophysics: Parallel 6 — Particle Astrophysics - North Foyer | Joshua Tree Room (16:10 - 18:30)

-Conveners: Wick Haxton; Barry Davids

time	[id] title	presenter
16:10	[133] Latest Results from the AMS Experiment on the International Space Station	Dr GIOVACCHINI, francesca
16:40	[360] New Results and Update on Ultrahigh Energy Cosmic Rays	FARRAR, Glennys
17:10	[85] Recent Highlights from the High Altitude Water Cherenkov Observatory	ALBERT, Andrea
17:30	[87] IceCube/DeepCore Results on Neutrino Properties Using Atmospheric Neutrinos	Ms HUANG, Feifei
17:50	[65] Recent Status and Future Plans for the China JinPing Underground Laboratory	Dr YUE, Qian
18:10	[326] NuSTAR and Super-Eddington Accretion onto Neutron Stars	Dr BRIGHTMAN, Murray

Friday, 1 June 2018

Particle and Nuclear Astrophysics: Parallel 8 — Neutron Stars - North Foyer | Joshua Tree Room (16:10 - 18:30)

-Conveners: Barry Davids; Wick Haxton

time	[id] title	presenter
16:10	[247] Sites of the r-process: supernovae and mergers: Recent Successes and Current Issues	FRYER, Chris
16:40	[176] Properties of the Binary Neutron Star Merger GW170817	Dr LACKEY, Benjamin
17:10	[177] Numerical Simulations of Neutron Star Mergers	Prof. FOUCART, Francois
17:30	[167] Applications of Chiral Forces to Nuclear Matter and Neutron Stars	Dr DRISCHLER, Christian
17:50	[305] Studying Lanthanide Production in r-Process Nucleosynthesis	Dr VASSH, Nicole
18:10	[173] R-Process Experiments with Unstable Isotope Beams	ESTRADE, Alfredo