2017 JINA-CEE Frontiers in Nuclear Astrophysics

Tuesday, February 7, 2017

Poster session (4:45 PM - 6:00 PM)

[id] title	presenter	board
[24] S-wave 7Be+p Scattering Lengths from R-Matrix Analysis of Elastic and Inelastic scattering	PANERU, SOM	
[29] Doppler Shift Lifetime measurements to constrain the \ce{^{30}P}(p,γ)\ce{^{31}S} rate at classical nova temperatures	FRY, Cathleen	
[59] Development of a Neutron Long Counter Detector for (alpha, n) Cross Section Measurements at Ohio University	Ms BRANDENBURG, Kristyn	
[58] Radiation hydrodynamics simulation of Black Widow Pulsar	Ms BARRIOS SAZO, Maria	
[55] An Enhanced Capability PPMstar Code for Simulating Convective-Reactive Nucleosynthesis in Massive Stars Before they Explode	Prof. WOODWARD, Paul	
[56] Ultra metal-poor stars: Non-LTE abundances	Dr EZZEDDINE, Rana	
[52] Time-Of-Flight Mass Measurement at Rare-Isotope Beam Factory, RIBF	Mr GAIRE, Santosh	
[80] A Charged Particle Veto Wall for the Large Area Neutron Array (LANA)	Mr ZHU, kuan	
[87] Measuring the Acceptance of St George	Mr SEYMOUR, Chris	
[7] Measurement of Beta-delayed Neutrons of r-process Isotopes with the BRIKEN Detector	NEPAL, Neerajan	
[36] Simulating Detector Efficiency for Experimental Constraint of 56-Ni(n,p)56-Co	DAVISON, Jacob	
[35] Neutron Superfluidity Deep in the Neutron Star Crust	CONNOLLY, Ryan	
[63] Elucidating the Convective Urca Process in Pre-Supernova White Dwarfs Using Three-Dimensional Simulations	WILLCOX, Donald	
[67] Neutron Star Seismological Implications for Continuous Gravitational Wave Detection at LIGO	Dr BAINDUR, Satyen	
[68] 3D hydrodynamic simulations of C ingestion into a convective O shell	Prof. HERWIG, Falk	
[99] The First (α,xn) reaction in inverse kinematics study with the HabaNERO detector at NSCL	Dr AHN, Sunghoon (Tony)	
[90] Impact of resolution on pre-supernova properties of massive stars	PETERMANN, Ilka	
[94] Feasibility studies of $(d,{}^{2}\text{He})$ reactions at the AT-TPC	Dr ZAMORA CARDONA, Juan Carlos	
[96] Probing Galactic Chemical Evolution with J-PLUS Photometry using Artificial Neural Networks	Mr WHITTEN, Devin	
[14] Cross Section Measurements of the 12C(α, γ)16O Reaction at E_c.m. = 3.7, 4.0, and 4.2 MeV	GIRI, Rekam	
[16] Investigating and reducing the impact of nuclear reaction rate uncertainties on 44Ti- production in core-collapse supernovae	Mr SUBEDI, Shiv Kumar	
[49] Fast timing Detector For Time-of-Flight Mass Measurement	Mr NEUPANE, Shree	

[46] Nature's fireworks: cosmic showers detected in the SπRIT Time Projection Chamber	Mr BARNEY, Jonathan	
[47] Constraining the isovector effective mass with neutron to proton ratio Rn/p from heavy-ion collisions	Dr MORFOUACE, Pierre	
[40] Experiment to constrain models of calcium production in novae	Mr TIWARI, Pranjal	
[75] Plans to constrain the 30P(p,γ)31S thermonuclear reaction rate by measuring the branching ratio of 31Cl β-delayed protons	Mr BUDNER, Tamas	
[72] The Rise of Carbon in the Universe	Ms RASMUSSEN, Kaitlin	
[79] Properties of Core-Collapse Supernova Progenitors From Monte Carlo Stellar Models	Mr FIELDS, Carl	
[78] Probing Neutron Stars with Neutron/Proton Ratios	Mr SWEANY, Sean	