

Annual NewCompStar Conference 2015

Monday, 15 June 2015

Parallel B: Equation of State - Conference Room B (14:00 - 18:15)

time	[id] title	presenter
14:00	[122] The crust and the neutron star radius	PROVIDENCIA, Constança
14:25	[141] Rotation and stability of neutrons stars with strong phase transtions	Dr BEJGER, Michał
14:50	[138] Core collapse supernova simulations with a new hyperon equation of state compatible with two solar mass neutron star	Prof. BANDYOPADHYAY, Debades
15:15	[132] Pasta phases in core-collapse supernova matter	Dr PAIS, Helena
15:40	[135] Study of β -stable matter in proto-neutron star: impact by the nuclear symmetry energy at finite temperature	Ms NGO, Hai Tan
16:05	Coffee Break	
16:35	[157] Thermodynamical behavior of the vector meson extended Polyakov quark meson model	Dr KOVACS, Peter
17:00	[116] Constraining supernova equations of state with equilibrium constants from heavy-ion collisions	Dr HEMPEL, Matthias
17:25	[119] Deciphering signatures of EoSs/progenitor models imprinted in GW/neutrino signals emitted from SN cores	Dr KURODA, Takami
17:50	[164] Analytic structure of nonperturbative quark propagators and meson processes	Prof. KLABUCAR, Dubravko

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time	[id] title	presenter
14:00	[88] FRG Approach to Nuclear Matter in Extreme Conditions	Mr PÓSFAY, Peter
14:25	[124] An Advanced Relativistic Mean-Field Theory for Dense Nuclear Matter	Dr PETRIK, Kristian
14:50	[112] RMF model with scaled hadron masses and coupling constants and the hyperon puzzle	Dr KOLOMEITSEV, Evgeni
15:15	[130] Unified equations of state for neutron stars within the energy-density functional theory and neutron-star structure	Dr FANTINA, Anthea Francesca
15:40	[115] Supporting the existence of the QCD critical point by compact star observations	Dr ALVAREZ-CASTILLO, David
16:05	Coffee Break	
16:35	[113] Constraining neutron star properties with perturbative QCD	Dr VUORINEN, Aleksi
17:00	[121] Hyperonic three-body forces and consequences for neutron stars	Dr VIDANA, Isaac
17:25	[144] Properties of neutron-star crusts with accurately calibrated nuclear energy density functionals	Dr CHAMEL, Nicolas
17:50	[163] Vortex Creep Against Toroidal Flux Lines and Implications for Pulsar Glitches and Neutron Star Structure	Mr GÜGERCINOGLU, Erbil

Thursday, 18 June 2015

Parallel B: Gamma Ray Bursts and Nuclear Matter - Conference Room B (14:00 - 17:50)

time	[id] title	presenter
14:00	[111] The X-ray outburst of the Galactic Centre magnetar during the first 1.5 year	Mr COTI ZELATI, Francesco
14:25	[114] Vortex motion in neutron star crusts and pulsar glitches	Dr HASKELL, Brynmor
14:50	[123] Glitches and anti-glitches in accreting pulsars: expected properties and observability	Dr DUCCI, Lorenzo
15:15	[131] LOFAR's view on mode-switching pulsar B0943+10	Dr BILOUS, Anna
15:40	Coffee Break	
16:10	[108] Discovery of a narrow, phase-dependent feature in the X-ray spectrum of RX J0720.4-3125	Ms BORGHESE, Alice
16:35	[91] The supernova remnant G284.3-1.8 and the X-ray binary 1FGL J1018.6-5856	Dr RANGELOV, Blagoy
17:00	[126] Comparing different models of pulsar timing noise	Mr ASHTON, Gregory
17:25	[168] Study of low-density nuclear matter by quantum molecular dynamics simulations: Role of symmetry energy	Dr NANDI, Rana