

Siam Physics Congress 2018

Tuesday, 22 May 2018

A12: High Energy Physics - Sukhothai Room (09:00 - 10:30)

-Conveners: Seckson Sukhasena

time	[id] title	presenter
09:00	[446] Mass-radius bounds in massive gravity models	Mr KAREESO, Parinya
09:15	[465] The effect of nuclear equation of state on the direct flow in heavy ion collision reaction by using quantum molecular dynamics model	PROMMI, Yatawee Ms ROUMSUK, Thanaporn
09:30	[466] Entropy Production at the Chiral Phase Transition	Mr KITTIRATPATTANA, Apiwit
09:45	[479] Exploring one loop amplitude at four-point vertices by the OPP method	Mr SUPANYO, Suppanat
10:00	[485] Charm Quark Equilibration at Ultrarelativistic Energies	HEROLD, Christoph
10:15	[488] Study of tetraquark spectroscopy in group theory and quark model	Mr ZHAO, Zheng

A12: High Energy Physics - Sukhothai Room (10:45 - 12:15)

-Conveners: Pichet Vanichchaponjaroen

time	[id] title	presenter
10:45	[489] Study of a non-constant EMC Cut Parameter for Electron and Positron Tracks with Clusters in the Calorimeter of the PANDA Experiment	Mr SIMANTATHAMMAKUL, Tawachat
11:00	[490] Estimation of the mass of low-lying baryons and ground state pentaquarks	XU, Kai
11:15	[491] STUDY OF DOSE RATE IN THE BRAIN MODEL BASED ON THE NEUTRON BEAM OF SUT-MNSR	Mr LI, Kaijian
11:30	[492] Characterization of Monolithic Active Pixel Sensors with a 1 GeV Electron Beam at SLRI Beam Test Facility	Mr LAOJAMNONGWONG, NATTHAWUT
11:45	[494] A study of charmed baryon production from chiral effective Lagrangian with heavy-quark symmetry and large- N_c constraints	Mr SANGKHAKRIT, Thanat
12:00	[495] Fitting coupling constant of ground-state charm baryons Λ_c , Σ_c by using decay width of quark model	KAEWSNOD, Attaphon

A12: High Energy Physics - Lopburi Room (13:15 - 14:45)

-Conveners: Patipan Uttayarat Uttayarat

time	[id] title	presenter
13:15	[537] Uncertainty Quantification of Hypertriton Binding Energy	Ms HTUN, Thiri Yadanar
13:30	[538] Neutrino-Dark Matter Interaction and Bent Seesaw models	Mr THONGYOI, Nakorn
13:45	[752] Neutrino spectrum in $SU(3)_c \times SU(3)_E$ gauged lepton flavor model	TREESUKRAT, Wararat

A12: High Energy Physics - Sukhothai Room (13:15 - 14:45)

-Conveners: Seckson Sukhasena

time	[id] title	presenter
13:15	[499] Search for the top squark pair production with two-body decays to a charm quark and a neutralino in proton-proton collisions at $s = \sqrt{13}$ TeV	KOVITANGGOON, Kittikul
13:30	[500] A Study of Silicon Wafer with SRP Technique	Mr NAEOSUPHAP, Sakdinan
13:45	[501] Deuteron production from phase-space coalescence in the GSI/FAIR energy regime	Ms SOMBUN, Sukanya
14:00	[504] Implication of heavy-quark symmetry in chiral Lagrangian of nucleon, D meson and charmed baryon	SUYUPORN, Thananuwat
14:15	[517] Dual formulation of covariant duality-symmetric action of D3-brane	VANICHCHAPONGJAROEN, Pichet
14:30	[526] Neutrino-antineutrino oscillation	Mr DIRGANTARA, Bayu