

The 17th CNS International Summer School (CNSSS18)

Wednesday, 22 August 2018

YSS: Young Scientists Session 1 - Nishina Hall (15:40 - 17:45)

time	[id] title	presenter
15:40	[43] Isovector and isotensor forces in sd-shell	Mr FU, Chaoyi
15:55	[34] Production of n-rich nuclei via 2-proton knockout with deuterium target	MIWA, Midori
16:10	[57] Proton resonance scattering of a shape-coexistence nucleus ^{118}Sn	Ms TSUNODA, Rieko
16:25	[35] Proton Radius Measurements with electron scattering at ELPH	AOYAGI, Taihei
16:40	[38] Production of the Gamma-ray via narrow resonance reaction and its applications	Dr DANG, YONGLE
16:55	[36] Measurement of the Two-Halo Neutron Transfer Reaction $^{11}\text{Li}(p,t)^9\text{Li}$ at 62.4 MeV	Mr WANG, Xuan

Thursday, 23 August 2018

YSS: Young Scientists Session 2 - Nishina Hall (15:40 - 17:30)

time	[id] title	presenter
15:40	[33] Systematic treatment of odd-mass nuclei in Hartree-Fock-Bogoliubov calculation	Mr KASUYA, Haruki
15:55	[27] Coulomb Energy Density Functionals for Nuclear Systems	Mr NAITO, Tomoya
16:10	[1] The properties of nuclear matter under the Bethe-Brueckner-Goldstone Expansion	Dr LU, Jia-Jing
16:25	[52] Neutrino self-interaction and MSW effect on the neutrino-process in core-collapse supernovae	Ms KO, Heamin
16:40	[50] How to Improve Functionals in Density Functional Theory?	OHASHI, Daisuke
16:55	[51] A Study of Ground-state Energies with the Strutinsky's Method and Total Binding Energy in the Woods-Saxon Potential	KIM, Seonghyun
17:10	[28] Quantitative analysis of tensor effects in the relativistic Hartree-Fock theory*	Mr WANG, Zhiheng

Friday, 24 August 2018

YSS: Young Scientists Session 3 - Nishina Hall (15:40 - 17:30)

time	[id] title	presenter
15:40	[40] Mean-field study of the radiative capture $^{12}\text{C}(p,\gamma)^{13}\text{N}$ and $^{13}\text{C}(p,\gamma)^{14}\text{N}$ reactions	Mr NGUYEN, Le-Anh
15:55	[53] Study on Colossal Dielectric Constant Mechanism of Al/Nb Co-doped CCTO by PAT	WEN, Ali
16:10	[48] Development of GEM based BPM for Muon $g-2$ /EDM experiment	SON, Yonghyun
16:25	[47] Initial geometry effect on HBT correlation in C+Au collisions in AMPT model	Mr HE, Junjie
16:40	[54] Two-particle angular correlations in pp and p-Pb collisions at LHC energies from a multi-phase transport mode	Mr ZHANG, Liuyao
16:55	[56] Characterization of a tritium target for two-neutron transfer studies at TRIUMF	KITAMURA, Noritaka

Saturday, 25 August 2018

YSS: Poster Session - Nishina Hall (15:25 - 18:25)

time	[id] title	presenter
15:25	[29] The study of resonant states in ^{12}C via $^{12}\text{C} + \text{nucleon}$ scattering	YAMADA, Yushin
15:35	[30] Microscopic optical potentials including the breakup effects for unstable nucleus scattering	Mr OGAWA, Shoya
15:45	[31] Study of proton- and deuteron- induced reactions on the long-lived fission product ^{93}Zr at 30MeV/u in inverse kinematics	IRIBE, Kotaro
15:55	[37] Development of Fast Neutron Detection Based on Multi-size Fiber Array	ZHUANG, Kai
16:05	[39] $^{18}\text{F}(p,\alpha)^{15}\text{O}$ reaction in novae	Mr RU, Longhui
16:15	[42] Building the interstellar cloud model for describing the composition of chemical species	YOON, Jeongkwan
16:25	[44] 2nd-order superfluid Thomas-Fermi approximation and FAM-QRPA method for ultracold fermions	Ms FEI, Na
16:35	[45] GAMMA STRENGTH FUNCTION OF ^{49}Ti BASE ON $(n, 2\gamma)$ REACTION	Mr NGUYEN AN, Son
16:45	[46] Research on SiPM-based detector for gamma ray detection	Mr LU, Zhenrui
16:55	[55] Study of Gamow-Teller Transition on He-4 with PANDORA	GAO, Jian
17:05	[41] PRE(Photospheric radius expansion) X-ray burst simulation with 1D stellar evolution code	SEONG, GWANGEON
17:15	[58] Production of ^{52}Fe $12+$ isomer around Fe nucleus via projectile fragmentation	KAWATA, Keita