

Inha HTG workshop: Modern issues in Hadronic Physics

Thursday, 7 July 2022 - Friday, 8 July 2022

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Programme

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Thursday, 7 July 2022

Registration (12:00 - 13:00)

Registration

-Conveners: **Hyun-Chul Kim**

Session 1 (13:00 - 15:10)

time	title	presenter
13:00	Is the sub-eV active neutrino Dirac or Majorana particle?	KIM, Choong Sun
13:40	Photo- and electro-production of phi meson	KIM, Sangho
14:10	Transverse single-spin asymmetry of the very forward neutral pion production	KIM, Hee-Jin
14:40	Study of the radial excitation of hadron	ARIFI, Ahmad Jafar

Coffee Break (15:10 - 15:30)

Session 2 (15:30 - 17:30)

time	title	presenter
15:30	Analysis of virtual meson production in (1+1)-scalar field model	CHOI, Yongwoo
16:00	Chiral anomaly and the pion properties in the light-front quark model	CHOI, Ho-Meoyng
16:30	Light-Front Dynamics in Hadron Physics	JI, Chueng-Ryong

Friday, 8 July 2022

Session 3 (09:30 - 11:30)

time	title	presenter
09:30	Excited baryons in a pion mean-field approach	YANG, Ghil-Seok
10:00	Axial-vector transition form factors of singly heavy baryons in chiral quark-soliton model	SUH, Jung-Min
10:30	Energy-momentum tensor form factors of the baryon octet and their stability conditions with flavor SU(3) symmetry breaking	WON, Ho-Yeon
11:00	Deeply virtual Compton scattering with CLAS and CLAS12	HYON-SUK, Jo

Lunch (11:30 - 13:00)

Session 4 (13:00 - 15:00)

time	title	presenter
13:00	Light quark distribution functions in a heavy baryon in the large N_c limit	SON, Hyeondong
13:30	Instanton effects on electromagnetic transitions of charmonia	HONG, Kihoon
14:00	The mass-radius relations of neutron stars in an pion mean-field approach	GHIM, Nam-Yong
14:30	The axial-vector meson in the coupled-channel approach	CLYMTON, Samson

Coffee Break (15:00 - 15:30)

Session 5 (15:30 - 17:30)

time	title	presenter
15:30	Studies of baryonic states in Belle	KWON, Youngjoon
16:10	Double Higgs Production at the LHC	KONG, KC
16:50	Introduction to Inha Hadron Theory Group	KIM, Hyun-Chul