

2025 (YITP-W-25-02)**Thursday, May 22, 2025****Session - Panasonic Auditorium, Yukawa Hall (10:00 AM - 12:45 PM)**

time	[id] title	presenter
10:00 AM	[1] Recent Advances in Field Theory for Nuclear Theory	HIDAKA, Yoshimasa
10:45 AM	[2] Beyond the plateau ~ next challenges in LQCD	HASHIMOTO, Shoji
12:00 PM	[3] Optimized two-hadron operators in lattice QCD	Dr LYU, Yan

Session - Panasonic Auditorium, Yukawa Hall (2:00 PM - 6:00 PM)

time	[id] title	presenter
2:00 PM	[4] What I'd like to know about lattice gauge theories in various dimensions	NAKAYAMA, YU
2:45 PM	[5] Gravity and Lattice	FUKAYA, Hidenori
4:00 PM	[6] Quantum information approach to physical phenomenon	NOZAKI, Masahiro
4:45 PM	[7] Local observables in quantum gravity with an observer's clock	SHIMADA, Kengo

Friday, May 23, 2025

Session - Panasonic Auditorium, Yukawa Hall (10:00 AM - 12:45 PM)

time	[id] title	presenter
10:00 AM	[8] Recent progress and future prospects for solving the sign problem	FUKUMA, Masafumi
10:45 AM	[9] Weyl fermions in Lattice Gauge Theory — Integrability of chiral determinant and all that	KIKUKAWA, Yoshio
12:00 PM	[10] Hybrid Monte Carlo simulation of $SU(N)/Z_N$ Yang-Mills theory	SUZUKI, Hiroshi

Session - Panasonic Auditorium, Yukawa Hall (2:00 PM - 5:00 PM)

time	[id] title	presenter
2:00 PM	[11] Semiclassical approaches to confinement: monopole and center vortex	HAYASHI, Yui
2:45 PM	[12] Generalized symmetry, Anomaly, and Lattice	TANIZAKI, Yuya
4:00 PM	[13] Recent progress of tensor renormalization group approach	TAKEDA, Shinji
4:45 PM	[14] Closing remark	Prof. AOKI, Sinya