

QUPosium2023

Monday, 11 December 2023

Plenary Session: QUP Director's Opening Remarks - Hall 300 (13:00 - 13:30)

-Conveners: Katsuo TOKUSHUKU

time	[id] title	presenter
13:00	[6] QUP Director's Opening Remarks	HAZUMI, Masashi

Plenary Session: Inflation/Higgs/Dark Energy - Hall 300 (13:30 - 16:00)

-Conveners: Hiroki Akamatsu

time	[id] title	presenter
13:30	[3] Early Universe Theory Review	SASAKI, Misao
14:30	[4] CMB Experiments Review	HALVERSON, Nils
15:15	[5] Higgs Physics Experimental Status	BORTOLETTO, Daniela

Plenary Session: Inflation/Higgs/Dark Energy - Hall 300 (16:30 - 17:30)

-Conveners: Yuji CHINONE

time	[id] title	presenter
16:30	[7] Probing Cosmic Inflation with LiteBIRD	ZHOU, Yu
17:00	[8] Multi-disciplinary design of Focal Plane Sub-System of LiteBIRD Low Frequency Telescope	KANEKO, Daisuke

Plenary Session: Inflation/Higgs/Dark Energy - Hall 300 (17:45 - 19:15)

-Conveners: Tommaso GHIGNA

time	[id] title	presenter
17:45	[9] Results from CLASS	EIMER, Joseph
18:15	[10] Status of SPHEREx	GEBHARDT, Henry
18:45	[34] Gravitational Wave Physics and Astronomy	TANAKA, Takahiro

Tuesday, 12 December 2023

Plenary Session: Inflation/Higgs/Dark Energy - Hall 300 (09:00 - 10:30)

-Conveners: Yuji CHINONE

time	[id] title	presenter
09:00	[11] Machine Learning at LHC	NAKAHAMA, Yu
09:30	[12] Can we observe a deviation from Starobinsky's R2 Inflation?	KOHRI, Kazunori
10:00	[13] Status of Dark Energy	RIESS, Adam

Plenary Session: Dark Matter - Hall 300 (13:00 - 15:30)

-Conveners: Volodymyr Takhistov

time	[id] title	presenter
13:00	[14] Dark Matter Theory Review	SLATYER, Tracy
14:00	[15] Direct Detection of Particle Dark Matter	MORIYAMA, Shigetaka
14:30	[37] Theory of Light Dark Matter Search with Nitrogen-Vacancy Centers in Diamonds	NAKAYAMA, Kazunori
15:00	[17] DM Experiment at QUP-Kamioka Lab	GARCIA-SCIVERES, Maurice

Plenary Session: Dark Matter - Hall 300 (16:00 - 18:30)

-Conveners: Suerfu Burkhant

time	[id] title	presenter
16:00	[18] JAXA Solar Axion Experiment	YAMASAKI, Noriko
16:30	[19] Control of Casimir forces	IIZUKA, Hideo
17:00	[20] Dark Matter Detection with Qubits	MOROI, Takeo
17:30	[35] Wave-like Dark Matter Search Using Superconducting Qubits	CHEN, Shion
18:00	[33] Fundamental Physics with Precision Clocks	TAKAMOTO, Masao

Wednesday, 13 December 2023

Plenary Session: Dark Matter - Hall 300 (09:00 - 11:00)

-Conveners: Hiroki Akamatsu

time	[id] title	presenter
09:00	[21] Quantum sensing with NV centers in diamond for light dark matter search	MIZUOCHI, Norikazu
09:30	[24] Black Holes as Dark Matter	PROFUMO, Stefano
10:00	[23] From ALPs to 'Zillas -- New Laboratories for Discovering Dark Sectors	KRNJAIC, Gordan

Plenary Session: Dark Matter - Hall 300 (11:00 - 12:30)

-Conveners: Suerfu Burkhant

time	[id] title	presenter
11:00	[22] New Results of Axion-Like Particle Search from a CMB Experiment, POLARBEAR	CHINONE, Yuji
11:30	[25] DOSUE-RR experiment: Search for dark photon dark matter using millimeter-wave receivers	ADACHI, Shunsuke

Plenary Session: Matter-antimatter Asymmetry and Neutrinos - Hall 300 (13:30 - 15:30)

-Conveners: Volodymyr Takhistov

time	[id] title	presenter
13:30	[26] Baryon Asymmetry Theory Review	KUSENKO, Alexander
14:30	[27] Neutrino Experiments	NAKAHATA, Masayuki

Plenary Session: Matter-antimatter Asymmetry and Neutrinos - Hall 300 (16:00 - 18:00)

-Conveners: Christopher Betancourt

time	[id] title	presenter
16:00	[28] Flavor Physics at Belle II	TANIGUCHI, Nanae
16:30	[29] Searches with Quantum Technology	HARNIK, Roni
17:00	[30] Fundamental Physics with Antihydrogen: Results from ALPHA	FUJIWARA, Makoto
17:30	[31] Neutrinos at Colliders	BETANCOURT, Christopher

Plenary Session: QUP Director's Closing Remarks - Hall 300 (18:00 - 18:20)

-Conveners: Katsuo TOKUSHUKU

time	[id] title	presenter
18:00	[32] QUP Director's Closing Remarks	HAZUMI, Masashi