

The XXVIII International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2021)

Monday 23 August 2021

Plenary: I (08:25 - 10:05)

-Conveners: Chao-Hsi Chang

time	[id] title	presenter
08:25	[501] Future Colliders	WANG, Yi-Fang
08:50	[513] (Non-)SUSY 2021 and Cosmology: overview and new developments	SILVERSTEIN, Eva
09:15	[507] Theoretical overview of muon g-2	ENDO, Motoi
09:40	[543] The First Results of the Fermilab Muon g-2 Experiment	LI, Liang

Plenary: II (20:00 - 22:05)

-Conveners: Chun Liu

time	[id] title	presenter
20:00	[522] Challenges in supersymmetric cosmology	ANTONIADIS, Ignatios
20:25	[516] Aspects of Higgs and EW physics in SUSY: light LSP and Heavy Higgs	GODBOLE, Rohini
20:50	[512] Particle-Antiparticle Oscillations and Baryogenesis in SUSY	IPEK, Seyda
21:15	[511] Grand Unified Theories	BABU, Kaladi
21:40	[532] SUSY Predictions from the String Landscape and the Naturalness	BAER, Howard

Tuesday 24 August 2021

Plenary: III (08:00 - 10:05)

-Conveners: Chao-Shang Huang

time	[id] title	presenter
08:00	[502] The Foundation of Unification Theory & Gravitational Wave Detections in Space	WU, Yue-Liang
08:25	[524] Collider Searches, Standard Model Effective Theory	LEWIS, Ian
08:50	[541] Prospects of HL-LHC (ATLAS, CMS, LHCb)	SEKMEN, Sezen
09:15	[540] EW/Top measurements at ATLAS and CMS	DIMITRIEVSKA, Aleksandra
09:40	[498] Top Quark Physics	CAO, Qing-Hong

Wednesday 25 August 2021

Plenary: IV (08:00 - 09:40)

-Conveners: **Lorenzo Calibbi**

time	[id] title	presenter
08:00	[529] Axion dark matter	SIKIVIE, Pierre
08:25	[508] Precision axion physics with running axion couplings	CHOI, Kiwoon
08:50	[528] Exploring farther with long-lived particles	SHELTON, Jessie
09:15	[509] Four-form relaxation of Higgs mass and its cosmological implications	LEE, Hyun Min

Plenary: V (20:00 - 22:05)

-Conveners: **Qing Wang**

time	[id] title	presenter
20:00	[539] Higgs measurements at ATLAS and CMS	DE MARIA, Antonio
20:25	[535] BSM Higgs searches at ATLAS and CMS	NAYAK, Aruna
20:50	[537] Other searches at ATLAS and CMS	MAZINI, Rachid
21:15	[533] SUSY squark/gluino searches at ATLAS and CMS	LONGO, Luigi
21:40	[534] SUSY chargino/neutralino searches at ATLAS and CMS	KAMON, Teruki

Thursday 26 August 2021

Plenary: VI (08:00 - 09:40)

-Conveners: Jin-Min Yang

time	[id] title	presenter
08:00	[503] Neutrino masses and Yukawa interactions	XING, Zhi-zhong
08:25	[544] Solar WIMP Search with the IceCube Neutrino Observatory	LAZAR, Jeffrey
08:50	[521] Galactic Probes of Dark-Sector Physics	LISANTI, Mariangela
09:15	[499] Progresses of the Dark Matter Particle Explorer	YUAN, Qiang

Plenary: VII (20:00 - 22:05)

-Conveners: Jinmian Li

time	[id] title	presenter
20:00	[517] Dark Matter (Mediators) at Colliders	DREES, Manuel
20:25	[500] Recent Progress and Plan of PandaX Experiment	ZHOU, Ning
20:50	[536] Dark matter/Long-lived particles at ATLAS and CMS	DEMIRAGLI, Zeynep
21:15	[518] Sub-GeV Dark Matter	DUTTA, Bhaskar
21:40	[527] Gravitational Waves as Probes of New Fundamental Physics	SCHWALLER, Pedro

Friday 27 August 2021

Plenary: VIII (08:00 - 09:40)

-Conveners: Yu-Qi Chen

time	[id] title	presenter
08:00	[514] Baryogenesis and New Physics	WAGNER, Carlos E. M.
08:25	[515] The String Landscape and Particle Remnants	HALVERSON, James
08:50	[519] Aspirations and Prospects for Natural Supersymmetry	TATA, Xerxes
09:15	[504] GAMBIT: The Global and Modular Beyond-the-Standard-Model Inference Tool	BALAZS, Csaba

Plenary: IX (20:00 - 22:05)

-Conveners: Jiang-Hao Yu

time	[id] title	presenter
20:00	[506] Recent progress on jet structure for BSM	NOJIRI, Mihoko
20:25	[530] Machine Learning and QCD	PLEHN, Tilman
20:50	[520] B-physics anomalies and flavor hierarchies: a natural link	ISIDORI, Gino
21:15	[538] Flavour physics: LHCb, ATLAS, CMS	XIE, Yuehong
21:40	[542] Belle and Belle II results	BHUYAN, BIPUL

Saturday 28 August 2021

Plenary: X (08:00 - 09:15)

-Conveners: Tao Han

time	[id] title	presenter
08:00	[526] String Inflation	KALLOSH, Renata
08:25	[531] Quantum Gravity and the Swampland	SHIU, Gary
08:50	[510] Exploring supersymmetric theories from scattering amplitudes	HUANG, Yu-tin

Plenary: XI (09:45 - 11:10)

-Conveners: Cong-Feng Qiao

time	[id] title	presenter
09:45	[545] SUSY 2022 Announcement	LEONTARIS, Georgios
10:10	[505] Why SUSY is great	MURAYAMA, Hitoshi
10:55	[554] Acknowledgments	LI, Tianjun