

The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)

Monday 27 June 2022

SUSY: Phenomenology and Experiment - Room next to the main auditorium (16:00 - 18:00)

-Conveners: Konstantinos Theofilatos; Jeff Dandoy

time	[id] title	presenter
16:00	[100] Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector	BURZYNSKI, Jackson Carl
16:20	[99] Searches for new physics with leptons using the ATLAS detector	LEBAN, Blaž
16:40	[98] Searches for dark matter with the ATLAS detector	MOGG, Philipp
17:00	[96] ATLAS searches for supersymmetry with long-lived particles	PANCHAL, Devanshu Kiran
17:20	[95] Searches for electroweak production of supersymmetric particles with the ATLAS detector	Dr KOCK, Daniela
17:40	[94] Searches for strong production of supersymmetric particles with the ATLAS detector	YANG, Yi-Lin

Tuesday 28 June 2022

SUSY: Phenomenology and Experiment - Room next to the main auditorium (16:00 - 18:00)

-Conveners: Shufang Su

time	[id] title	presenter
16:00	[49] Searches for top squarks and gluinos with the CMS detector	TRAPOTE FERNANDEZ, Andrea
16:20	[46] Search for electroweak SUSY in hadronic final states with the CMS detector	ZIPPER, Noah Alexander
16:40	[45] Electrically charged stable particles in MoEDAL	Dr MITSOU, Vasiliki
17:00	[44] Multiboson production in CMS	FERNANDEZ MANTECA, Pedro
17:20	[38] Confronting Muon $g-2$ with Sleptons at LHC	UN, Cem Salih
17:40	[18] SUSY-QCD corrections to squark annihilation into gluons and light quarks	WIGGERING, Luca Paolo

Wednesday 29 June 2022**SUSY: Phenomenology and Experiment - Room next to the main auditorium (16:00 - 18:40)****-Conveners: Sven Heinemeyer**

time	[id] title	presenter
16:00	[119] LHC constraints on monojet signatures from electroweakino DM and coloured-superpartner decays	LARA PEREZ, Iñaki
16:20	[178] Muon $g-2$ in SUSY scenarios with unstable neutralinos	MASELEK, Rafal
16:40	[82] Measurements of top quark production cross sections in CMS	RODRIGUEZ BOUZA, Victor
17:00	[73] Search for electroweak SUSY in leptonic final states with the CMS detector	ABREU NAZARIO, Andres
17:20	[66] Digging deeper into SUSY parameter space with the CMS experiment	MAHON, Devin
17:40	[63] Search for SUSY in tau lepton final states with the CMS experiment	BHATTACHARYA, Soham
18:00	[62] Searches for top squarks in compressed scenarios	Mr BASTOS, Diogo
18:20	[189] Higgs-mass constraints on a supersymmetric solution of the muon $g-2$ anomaly	KE, Wenqi

Friday 1 July 2022

SUSY: Phenomenology and Experiment - Room next to the main auditorium (16:00 - 18:20)

-Conveners: **Martino Borsato**

time	[id] title	presenter
16:00	[42] MoEDAL, MAPP and the lifetime frontier	MITSOU, Vasiliki
16:20	[114] Exploring nearly degenerate higgsinos using mono-Z/W signal	Dr KAWAMURA, Junichiro
16:40	[106] Recent HL-LHC projections from CMS	JAIN, Sandhya
17:00	[104] Exploring Parameter Spaces with Artificial Intelligence and Machine Learning Black-Box Optimisation Algorithms	Dr CRISPIM ROMAO, Miguel
17:20	[101] Searches for new phenomena in final states with 3rd generation quarks using the ATLAS detector	RIECK, Patrick
17:40	[97] Search for long-lived particles with large ionisation energy loss	ROSSI, Leonardo
18:00	[86] Vector boson scattering results in CMS	BELLAN, Riccardo