



# 25th INTERNATIONAL CONFERENCE ON SUPERSYMMETRY AND THE UNIFICATION OF FUNDAMENTAL INTERACTIONS (SUSY17)

**Monday, 11 December 2017**

**Supersymmetry Phenomenology and Experiment (SUSY) - Auditorium (14:00 - 16:00)**

**-Conveners: Keith Ulmer**

time	[id] title	presenter
14:00	[257] New Physics at HL-LHC with CMS	JAIN, Sandhya
14:30	[258] New Physics at HL-LHC with ATLAS	ROSTEN, Rachel
15:00	[259] Searches for squarks and gluinos in all-hadronic final states with ATLAS	NAGAI, Koichi
15:15	[260] Searches for squarks and gluinos in final states with one or more charged leptons with ATLAS	HOLMES, Tova
15:30	[261] Inclusive search for supersymmetry in hadronic final states at CMS	NORBERG, Scarlet
15:45	[262] Search for supersymmetry in the single-lepton final state at CMS	SPITZBART, Daniel

**Supersymmetry Phenomenology and Experiment (SUSY) - Auditorium (16:30 - 18:00)**

**-Conveners: Kajari Mazumdar**

time	[id] title	presenter
16:30	[263] Searches for strong production of supersymmetry in final states with two or more leptons at CMS	VESTERBACKA, Leonora
16:45	[264] Searches for squarks and gluinos in scenarios with R-parity violating sparticle decays, or long- lived sparticles with ATLAS	LEE, Lawrence
17:00	[265] Search for R-parity violating supersymmetry at CMS	YOO, Jae Hyeok
17:15	[266] SUSY signals from GUT's	GOMEZ, Mario
17:30	[267] Phenomenological Implication of Non- holomorphic Soft SUSY Breaking Interactions	CHATTOPADHYAY, Utpal
17:45	[268] Exploring Non-Holomorphic MSSM for constraints from Charge and Color Breaking vacuum in context of Higgs@125 GeV	DEY, Abhishek

# Tuesday, 12 December 2017

## Supersymmetry Phenomenology and Experiment (SUSY) - Auditorium (14:00 - 16:00)

-Conveners: Till Eifert

time	[id] title	presenter
14:00	[269] Searches for direct pair production of stops and sbottoms with the ATLAS detector	STRANDBERG, Sara
14:15	[270] Sensitivity of the direct stop pair production analyses in phenomenological MSSM simplified models with the ATLAS detectors	SNYDER, Ian
14:30	[271] Search for supersymmetric partners of 3rd generation quarks at CMS	CORNELIS, Tom
14:45	[272] Searches for direct pair production of stops in final states containing taus, charm quarks or H/Z bosons with the ATLAS detector	MIUCCI, Antonio
15:00	[273] Searches for stops in scenarios with R-parity violating sparticle decays, or long-lived sparticles with ATLAS	UNGARO, Francesca Consiglia
15:15	[274] Search for supersymmetry in boosted topologies at CMS	KURZ, Simon
15:30	[275] 2-, 3-, and 4-body stop decays with gravitino LSP	DIAZ-CRUZ, Lorenzo
15:45	[276] Latest constraints on SUSY parameter space from MasterCode	FLAECHER, Henning

## Supersymmetry Phenomenology and Experiment (SUSY) - AG-69 (16:30 - 18:00)

-Conveners: Michihisa Takeuchi

time	[id] title	presenter
16:30	[277] Resonant slepton production and right sneutrino dark matter in left-right supersymmetry	RAI, Santosh Kumar
16:45	[278] Use of soft tracks in compressed SUSY	CHAKRABORTY, Sabyasachi
17:00	[279] Disappearing Track Searches at the LHC and Future Colliders	FUKUDA, Hajime
17:15	[333] Analyzing signals of compressed spectra in SUSY	DUTTA, JUHI
17:30	[280] Prompt Signals and Displaced Vertices in Sparticle Searches for Next-to-Minimal Gauge Mediated Supersymmetric Models	DESAI, Nishita

# Thursday, 14 December 2017

## Supersymmetry Phenomenology and Experiment (SUSY) - Auditorium (14:00 - 16:00)

-Conveners: Seema Sharma

time	[id] title	presenter
14:00	[281] Reconstruction techniques in supersymmetry searches in the ATLAS experiment	ONOGI, KOUTA
14:15	[282] Alternative angular variables for QCD multijet background event suppression in SUSY searches at the LHC	SAKUMA, Tai
14:30	[283] Search for compressed SUSY scenarios with the ATLAS detector	REICHERT, Joseph
14:45	[284] Search for supersymmetry with compressed mass spectra at CMS	RAD, Navid
15:00	[285] Search for supersymmetric partners of neutral Higgs bosons at CMS	KIRSCHENMANN, Henning
15:15	[286] Demystifying compressed top squark region with kinematic variables	SWAIN, Abhaya Kumar
15:30	[287] Searches for gauge mediated symmetry breaking signatures	MANN, Alexander
15:45	[288] Search for supersymmetry with photons at CMS	HEGDE, Vinay

## Supersymmetry Phenomenology and Experiment (SUSY) - Auditorium (16:30 - 18:00)

-Conveners: Mario Gomez

time	[id] title	presenter
16:30	[289] Searches for electroweak production of supersymmetric gauginos and sleptons with the ATLAS detector	SANDER, Christian
16:45	[290] Search for electroweak production of SUSY particles in CMS experiment at LHC	THOMAS, Laurent
17:00	[291] Search for sleptons and charginos at CMS	BABOUNIKAU, Illia
17:15	[292] Looking for heavier electroweakinos at LHC	GANGULY, Nabanita
17:30	[293] Aspects of the same-sign diboson signature from wino pair production in SUSY with light higgsinos at high luminosity LHC	SENGUPTA, Dibyashree
17:45	[332] Viable framework of D-type SUSY breaking	CHAKRABORTY, Sabyasachi