

Supersymmetry 2011 (SUSY11)

Sunday, 28 August 2011

Parallel Session 1: D - SUSY pheno - D: Wilson Hall 1 North (11:15 - 13:00)

-Conveners: Sven Heinemeyer

| time | [id] title | presenter |
|-------|--|-------------------------|
| 11:15 | [307] Studying Neutralinos Bottom-Up at the LHC | Prof. TATA, Xerxes |
| 11:45 | [308] The Mu problem and a non standard Higgs spectrum | Dr GORI, Stefania |
| 12:10 | [310] Signals of CP Violation Beyond the MSSM in Higgs Physics | DE LA PUENTE, Alejandro |

Parallel Session 1: E - Alternatives - E: West Wing, Wilson Hall 10NW (11:15 - 13:00)

-Conveners: Yang Bai

| time | [id] title | presenter |
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| 11:15 | [311] UV Complete Technicolor and Natural Low Scale Supersymmetry | DI CHIARA, Stefano |
| 11:35 | [312] Pion condensation in holographic QCD | ALBRECHT, Dylan |
| 11:55 | [313] Composite Scalars with a Compact Extra Dimension | Mr BUNK, Don |
| 12:15 | [314] Composite GUTs: model building and expectations at the LHC | Mr VARAGNOLO, Alvise |
| 12:35 | [347] Testing the bulk matter RS model through flavor-violating decays of smuon and scharm | Mr YAMADA, Toshifumi |

Parallel Session 1: B - String pheno - B: Curia II, Wilson Hall 2SW (11:15 - 13:00)

-Conveners: Mirjam Cvetič

| time | [id] title | presenter |
|-------|--|----------------------|
| 11:15 | [280] Quantum Compactifications | Prof. SETHI, Savdeep |
| 11:45 | [281] An Algorithmic Approach to String Phenomenology | Dr ANDERSON, Lara |
| 12:10 | [282] U(1) symmetries and F-theory GUTs | Dr MARSANO, Joe |
| 12:35 | [283] Stringy Quivers: Constraints on Chiral Matter and Systematic Phenomenological Searches | Mr HALVERSON, James |

Parallel Session 1: F - Dark matter - F: Wilson Hall 3NE (11:15 - 13:00)

-Conveners: Marcela Carena

| time | [id] title | presenter |
|-------|--|---------------------|
| 11:15 | [316] Warped Radion Dark Matter | Dr MEDINA, Anibal |
| 11:35 | [317] Sommerfeld enhancement in neutralino dark matter relic abundance calculation | HELLMANN, Charlotte |
| 11:55 | [318] Direct Detection Constraints on a Magnetic Fluffy WIMP | Mr KUMAR, Kunal |
| 12:15 | [319] A complete calculation for direct detection of Wino dark matter | Mr NAGATA, Natsumi |

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|-------|--|-----------------------|
| 12:35 | [320] Possible destructions of ${}^7\text{Be}$ and ${}^7\text{Li}$ in big bang nucleosynthesis through reactions with exotic long-lived sub-strongly interacting massive particles | Dr KUSAKABE, Motohiko |
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Parallel Session 1: C - SUSY theory - C: Hornets Nest Wilson Hall 8N Xover (11:15 - 13:00)

-Conveners: Patrick Fox

| time | [id] title | presenter |
|-------|---|-----------------------|
| 11:15 | [299] R-symmetry matching in supersymmetry breaking models | Dr YU, Felix |
| 11:45 | [305] More minimal MRSSM: R symmetry as lepton number, sneutrino as down type Higgs | Ms FRUGIUELE, Claudia |
| 12:10 | [306] The Mu-Term and a Safe Proton: a Gauge Origin in SUSY | Dr SPINNER, Sogee |

Parallel Session 1: A - Collider pheno - A: Wilson Hall 1 West (11:15 - 13:00)

-Conveners: Bogdan Dobrescu

| time | [id] title | presenter |
|-------|--|------------------------|
| 11:15 | [135] Kinematic Techniques for Missing Energy Events at Hadron Colliders | Prof. CHENG, Hsin-Chia |
| 11:45 | [2] A New Way to Measure Spin at Hadron Colliders | Dr BUCKLEY, Matthew |
| 12:10 | [212] Resolving Combinatorial Ambiguities at Hadron Colliders with $\text{MT}_{\{2\}}$ | Dr MCCASKEY, Mathew |
| 12:35 | [158] Spin and coupling determination of signals with missing energy at the LHC | Mr CHEN, Chien-Yi |