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Type: **Parallel Sessions**

Natural Supersymmetry

Friday, July 6, 2012 9:00 AM (15 minutes)

The non-observation of signals for supersymmetry in the LHC data appears to have led to questions about the viability of supersymmetry in nature. We delineate clear criteria for SUSY models which stabilize the electroweak scale, and show that these models are not in conflict the non-appearance of SUSY in the 2011 LHC data. Finally, we discuss some phenomenological implications of these Natural SUSY scenarios.

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Session Classification: Room 219 - Beyond the Standard Model SUSY / Non-SUSY - TR2&3

Track Classification: Track 2 - Beyond the Standard Model - SUSY