Contribu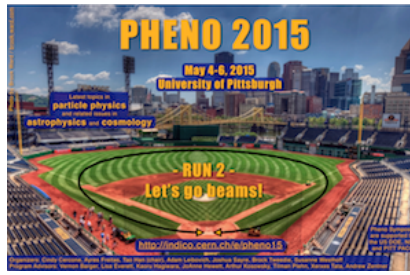tion ID: **94**   Type: **parallel talk**

Minimal Dirac gauginos without supersoftness

Monday 4 May 2015 15:00 (15 minutes)

I propose a mechanism for obtaining Dirac gaugino masses from an F-term VEV, without the usual accompanying "supersoft" scalar interactions. The mu problem can be solved in these models in a novel way, which decouples the Higgsinos from naturalness arguments. I will also briefly describe the resulting superpartner mass spectrum and make some comments on LHC phenomenology.

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Session Classification: SUSY I