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Aspects of supersymmetry breaking

Thursday, 22 January 2009 11:40 (45 minutes)

I will review the basic elements of explicit and spontaneous supersymmetry breaking. I will explain F-term and D-term supersymmetry breaking with pedagogical examples. I will discuss possible applications in model building and related problems, revisiting the gauge mediation scenario. Finally, I will introduce mechanisms of dynamical supersymmetry breaking.

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Session Classification: Morning session: review talks