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## Phenomenology of SUSY with intermediate scale physics

*jeudi 8 mars 2012 18:00 (15 minutes)*

The presence of fields at an intermediate scale between the Electroweak and the Grand Unification scale modifies the evolution of the gauge couplings and consequently the running of other parameters of the Minimal Supersymmetric Standard Model, such as gauginos and scalar masses. The net effect is a modification of the low energy spectrum. I will discuss the main phenomenological consequences and the possibility of testing intermediate scale physics at the LHC.

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**Classification de Session:** SUSY , Top physics

**Classification de thématique:** Theory