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Dark Matter searches at LHC

Tuesday, 7 December 2010 09:45 (45 minutes)

Besides Standard Model measurements and other beyond-SM studies, the ATLAS and CMS experiments at the LHC will search for Supersymmetry (SUSY), one of the most attractive explanation for Dark Matter. The SUSY discovery potential with early data will be presented together with recent results acquired with 2010 data. Studies aiming at measuring the sparticle masses and other SUSY properties will also be discussed. Emphasis will be placed on the interpretation of a possible positive SUSY signal as an explanation of Dark Matter.

Presenter: Dr MITSOU, Vasiliki (IFIC Valencia)

Session Classification: Plenary Session 3