Séminaire

Is SUSY dark matter alive and well?

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In this talk, I first review the current status for neutralino dark matter after taking into account the results from the LHC and from direct and indirect dark matter searches. I then entertain the possibility that the dark matter candidate is the supersymmetric partner of a right-handed neutrino. In this scenario the dark matter is produced via the decay of the long-lived next-to-lightest SUSY particle and leads to distinctive signatures at colliders.

Lundi, 29 aôut, 2016, à 14:00 Claire-McNicoll, Z-200 Café-biscuits à 13:30 au V-214

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