

Bethe Colloquium

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Naturalness' last stand

With the discovery of the Higgs boson, the Standard Model of particle physics celebrated a great triumph. It also brought the naturalness puzzle sharper into focus: what keeps the Higgs mass so light? Will supersymmetry soon be found or should we consider a cosmological solution? Run 2 of the LHC is about to tackle this and a multitude of urgent questions. We will review what I consider as the most interesting lessons learned and open issues, and outline the main directions for future progress.

Lecture Hall 1

Physikalisches Institut - Nussallee 12 - 53115 Bonn

Thursday, 3rd December, 2015, at 16 c.t.

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