

Solvay Colloquium



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Electroweak symmetry breaking and New physics: a love affair

The electroweak scalar, also known as the Brout-Englert-Higgs boson, is a tool for exploration as much as a standalone topic of investigation. While it appears very much Standard Model-like from the portrait drawn at the LHC, it remains at the heart of most Beyond the Standard Model scenarios, mostly because of the still unanswered question of naturalness and its possible connection to the puzzle of matter-anti-matter imbalance. I shall browse through a selection of new physics models and present their main signatures at present and future colliders. Finally, I shall mention some complementary information that can be gleaned beyond colliders.

Tuesday 7 May 2019 at 4.00 P.M.

COFFEE AND TEA WILL BE SERVED AT 3.45 P.M. IN FRONT OF *FORUM D*

!!!FORUM D!!!

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