FRONTIER DETECTORS FOR FRONTIER PHYSICS
> 13th Pisa Meeting on Advanced Detectors
>



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Status after the first LHC run: looking for new directions in the physics landscape

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The experimental data confirm that the scalar boson discovered at the LHC couples to other particles as predicted in the Standard Model, which constitutes a great success of the present theoretical paradigm. Together with the negative searches for signals of new phenomena, resulting in strong bounds on many new-physics scenarios, this opens a new perspective in fundamental physics. New ideas are needed to face the many pending questions unanswered within the Standard Model framework. Possible directions to be explored in the near future will be discussed.

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