

Forum on the Interpretation of the LHC Results for BSM studies

Introduction to the 2nd meeting

CERN Dec 12-14 2016

M.L.Mangano, for the Forum's Steering Committee

<https://indico.cern.ch/event/571190/page/8444-programme-committee>

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- support the development of public tools and related infrastructure enabling the (re)interpretation of the LHC results for the whole HEP community
- give feedback
 - to the experimental collaborations: on the impact of their analyses phenomenological studies, and how to possibly refine them
 - to all: on progress of theory predictions (including simulation tools) to make the most of the LHC data

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- The current status of data preservation frameworks
- Streamline information availability for BSM searches with unusual final state topologies (e.g. long lived particles)

Forum's activities to date, and links

- Forum mailing list:

<https://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=info-lhc-interpretation>

- First meeting (138 registrations):

- <https://indico.cern.ch/event/525142/>

- Les Houches Analysis Description Accord Working Meeting:

- <https://indico.cern.ch/event/572170/>

- Forum twiki page:

- <https://twiki.cern.ch/twiki/bin/view/LHCPhysics/InterpretingLHCresults>

- For the future, plan 2-3 yearly meetings

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- learn more of ATLAS and CMS plans on how they'll present the Run-2 results

message from the **ATLAS** and **CMS** physics coordinators

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- *Given the complexity of the problem the timescale for possible widespread adoption of new ideas by the collaborations will be beyond that of the forthcoming results based on 2016 data. The main focus of these developments should therefore be on presentation of final results from Run-2 and beyond.*