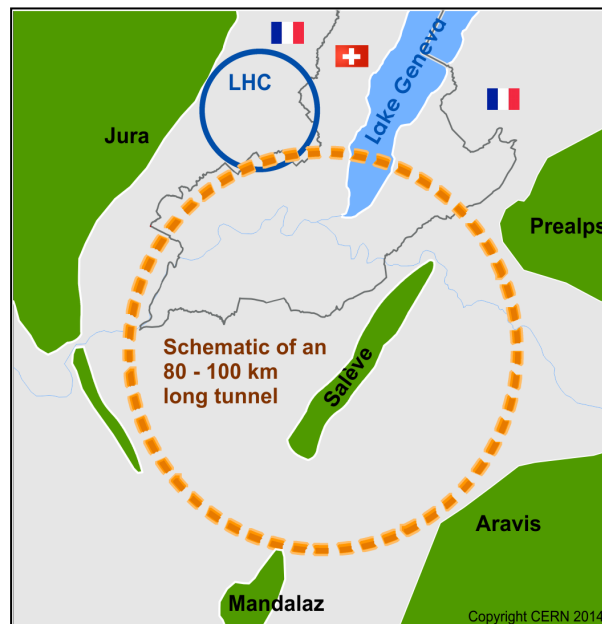


FCC-hh BSM



FCC-hh BSM WG working meeting

Michelangelo Mangano, Filip Moortgat (CERN)



FCC-hh physics report



- Plan to publish FCC-hh physics report in time for the next FCC week in Rome (April 2016).
- Aim to have a first draft by the end of the year.
- Editors of the BSM section:
 - 1) SUSY: Matthew McCullough (th), Mike Hance (exp)
 - 2) Dark Matter: Pedro Schwaller (th), Phil Harris (exp)
 - 3) Exotics: Riccardo Torre (th), Tobias Golling (exp)

More details on the outline in the presentations of the editors later in this meeting.

Twiki : <https://twiki.cern.ch/twiki/bin/view/LHCPhysics/BSM>

Beyond the Standard Model Physics studies

This working group of the FCC-hh physics program focusses on studies of the Beyond the Standard Model Physics.

Subgroups

- Dark Matter

Exploratory studies for Dark Matter (all types) at 100 TeV.

- SUSY

Exploratory studies for supersymmetry at 100 TeV.

- Resonances, other BSM models and new analysis techniques

Exploratory studies for resonances (do-jet, di-lepton, ttbar) and other BSM models. New analysis techniques (esp. boosted) relevant at 100 TeV.

Feel free to add your study (or planned study) to the twiki!