# HNLs introduction

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#### LHC LLP WG and HNLs

- Discussion forum tailored to analyses and needs of the LHC, but useful for LLP in general
- HNL is a subgroup:
  - Meetings regularly planned in between LLP workshops
- Output of the series of meeting(s) should be a set of documents of recommendations and the organization of useful common tools
- First task shaped by the input and requests from LHC experiments and interested theorists. We certainly like to hear your opinion & your work
  - We have so far concentrated on trying not to reinvent the wheel every time we **simulate HNLs**
  - Simulating HNLs is also the topic of today's meeting
  - Perfect place to feature your model that might go unnoticed by large collaborations
- As we say every time, if interested, get in contact! Your input is very welcome!

## Today's meeting 1/1

Timetable <u>here</u>.



## LHC LLP WG HNLs topic of interests

- Please tell us what you think should be discussed under the umbrella of the LHC LLP WG related to HNLs here
- You can also share your feedback and thoughts today or in the above document or via email
- Past meetings:
  - https://indico.cern.ch/event/977707/
  - https://indico.cern.ch/event/922632/timetable/#b-397427-heavy-neutral-leptons  $\bigcirc$

#### Directions

- The WG home page, including the mandate and convenership, is available:
  - https://lpcc.web.cern.ch/lhc-llp-wq
- A mailing list for the WG has been created. You can join it by clicking on this url:
  - https://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=lhc-llpwg
- You should also subscribe to the mailing list dedicated to HNLs
  - https://simba3.web.cern.ch/simba3/SelfSubscription.aspx?groupName=llp-hnl