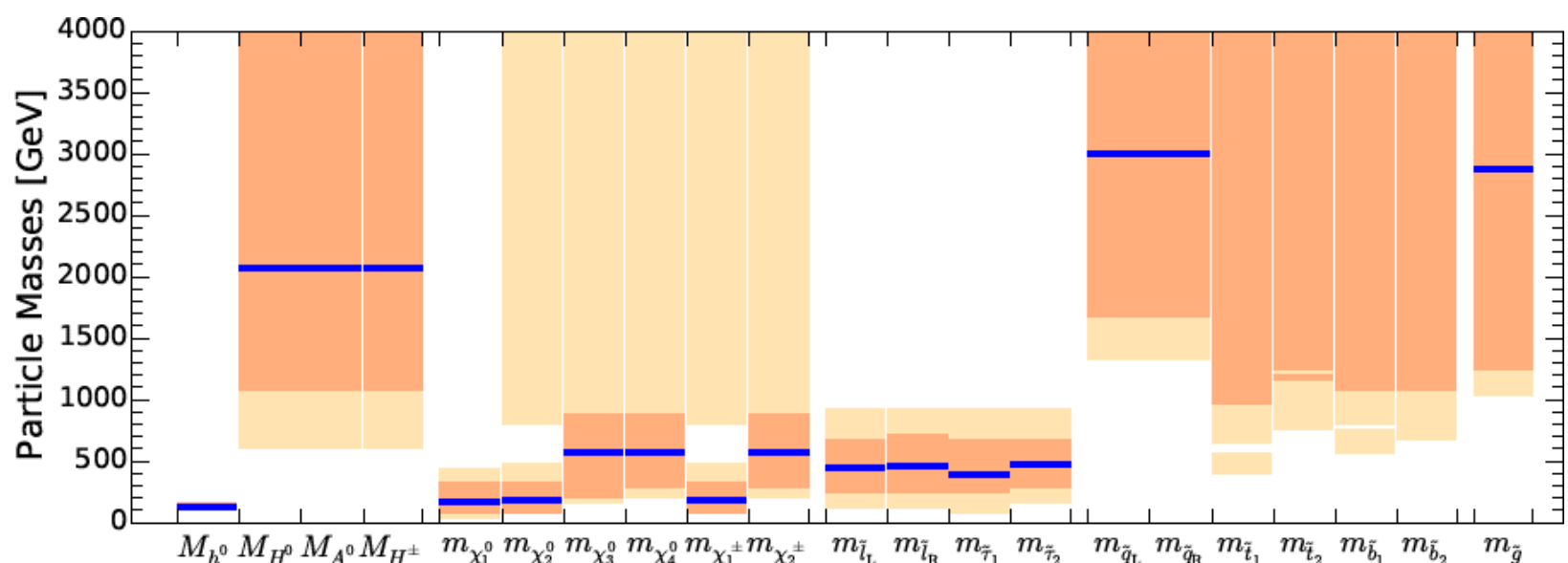


SUSY and its Higgs Bosons at the LHC.

Sven Heinemeyer (IFT/IFCA)

Tuesday, 21 March 2017, 16:45 h, DESY Auditorium



The LHC sees a SM-like Higgs boson at 125 GeV and puts bounds on extended Higgs sectors and other BSM physics. We discuss the status of SUSY taking all current bounds into account. In particular we show that a 125 GeV SM-like Higgs boson can be realized easily in SUSY, taking all the relevant data into account. One particularly interesting interpretation has the observed Higgs boson as the second lightest one, and the lightest Higgs boson has escaped detection so far.

- **Coffee, tea and cookies will be served at 16:30h**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**

