The Taming of the Higgs, from discovery to the top Yukawa coupling

Heather Gray CERN (Schweiz)

The discovery of the Higgs boson was the highlight of Run-1 of the LHC. The focus has now moved to measurements to characterise the properties of this new particle. I will briefly review the status of Higgs coupling measurements and, in particular, the fermionic couplings. The top Yukawa coupling is one of the most interesting outstanding measurement in the Higgs sector. I will discuss the current status of such measurements and highlight future prospects for Run-2.