

## HL-LHC

*Thursday 14 August 2014 09:10 (30 minutes)*

The talk should cover the following aspects: (i) the goals, key ingredients and schedule of the HL-LHC; (ii) the important technological innovations which may pave the way towards a future higher-energy pp collider; (iii) the expected integrated luminosity, pile-up constraints, and levelling schemes; (iv) the HL-LHC challenges; (v) the possibility of a future moderate energy upgrade (e.g. c.m. energy increase by 1-2 TeV); etc.

**Presenter:** BRUNING, Oliver (CERN)

**Session Classification:** Future Machines