



# LHC Seminar

**SPEAKER:** Michail Bachtis (CERN)  
**TITLE:** **CMS latest results on Higgs measurements**  
**DATE:** Tue 15/07/2014 11:00  
**PLACE:** Council Chamber

## ABSTRACT

Since the discovery of a Higgs boson by the CMS and ATLAS Collaborations in 2012, physicists at the LHC have been making intense efforts to measure this new particle's properties. Last week, at the 37th International Conference on High Energy Physics, the CMS Collaboration has presented a broad set of results from new studies of the Higgs boson. They are based on the full Run 1 data from pp collisions at centre-of-mass energies of 7 and 8 TeV. The analyses include the final calibration and alignment constants and contains about 25 fb<sup>-1</sup> of data. These new results will be summarized here.