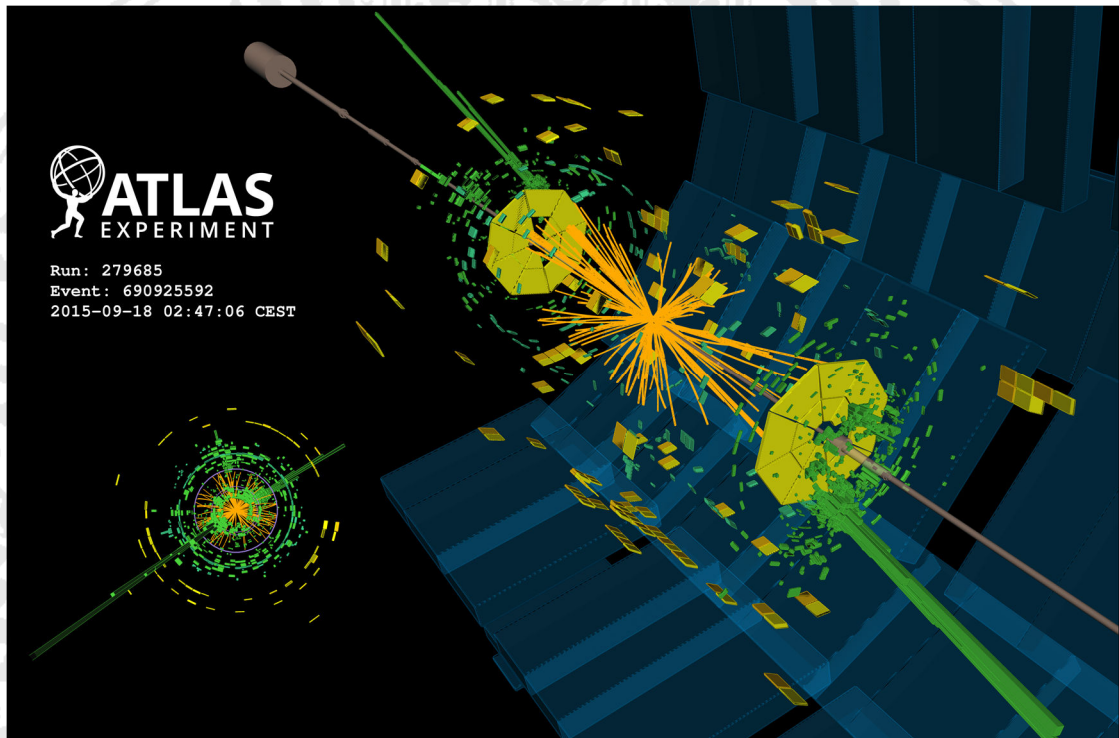




SONDERKOLLOQUIUM

AM 26. NOVEMBER 2015 UM 15 UHR S.T.

IM SEMINARRAUM GUSTAV-MIE-HAUS



RESULTS FROM THE ATLAS EXPERIMENT AT THE LHC IN RUN 2

*Prof. Dr. Beate Heinemann
University of California, Berkeley and
Lawrence Berkeley Nat. Lab*

The Large Hadron Collider (LHC) has started its second run earlier this year after a two year shutdown. During this shutdown a lot of work was done to enable the LHC to run at a collision energy of 13 TeV, about 60% higher than in the 2010-2012 run. The ATLAS experiment at the LHC was also improved to be ready to analyse the data at higher energies and at the higher rates planned. I will review these improvements, and show initial results from the ATLAS experiment based on the analyses of the new data.