

## News from the Higgs Searches at the Large Hadron Collider

*Dr. Kerstin Tackmann  
DESY, Hamburg*

The Standard Model has been extremely successful in describing a wide range of phenomena observed in collider experiments over the last decades. It would, however, be incomplete without a mechanism to break electroweak symmetry and to give masses to the gauge bosons and fermions. The favored scenario, the Higgs mechanism, predicts the existence of an additional scalar particle, the Higgs boson. Searching for the Higgs boson is one of the primary goals of the ATLAS and CMS experiments at the Large Hadron Collider at Geneva, Switzerland.

I will present the new results of the two experiments based on the data taken during 2011 and during the first months of 2012