

Kickoff Meeting of the ggh and QQh Working Group

Monday 1 March 2010 - Tuesday 2 March 2010

Bergische Universität Wuppertal

Scientific Programme

The working group on **Higgs production in gluon fusion and heavy quark annihilation** should provide a platform for the communication among *theorists and experimentalists*.

Part of the sessions of this kick-off meeting will be reserved for short presentations (10 min) of the participants but a large part of the time will be used for discussions. Possible topics for the discussion sessions are:

how can one combine the available information on the Higgs cross sections in order to arrive at the most reliable theory prediction?
what are the uncertainties on cross sections?
which MC generator(s) should be used to arrive at these?
what measurements in early data are important to improve the signal predictions?
how can one incorporate these in exclusion limits?
what are the available tools and how do they compare to each other?
which tools/calculations are needed for further improvements?
how to tailor theory predictions and uncertainty estimates in order to match modern analysis methods? (sub-jets, jet-veto, recoil-jets,...)
...

It would be helpful if you could indicate your favorite topic upon registration.