The Experimental Particle Physics group at Ghent University, Belgium (http://inwfsun1.ugent.be/) has several openings for Ph.D. students. The group is currently involved in physics research with CMS at the LHC and IceCube at the South Pole, and in detector R&D within CMS and CALICE.

The Ghent Particle Physics group has important contributions to the operation of the CMS Resistive Plate Chamber system and to its upgrade during the ongoing LHC shutdown. Furthermore, we perform R&D on RPCs and GEMs for future Muon Detector upgrades. Our physics analysis interests within CMS focus on top-quark and Higgs physics and on searches for supersymmetry.

To strengthen our effort mainly in physics analysis, with small contributions to detector development, we are seeking applications of qualified candidates for several Ph.D. student positions for CMS. The positions are funded for 4 years and are available immediately.

Applicants must hold a Master degree in Physics (or equivalent) or expect to obtain their degree before October 2013. Applications including a short introduction letter, clearly stating the physics interest, and a curriculum vitae should be sent in pdf format to Dr. Michael Tytgat (Michael.Tytgat@UGent.be) by May 15, 2013.

Applicants should also arrange for at least two letters of recommendation to be sent directly to the same email address before the closing date.

More information can be obtained from Michael Tytgat (Michael.Tytgat@UGent.be) or Dirk Ryckbosch (Dirk.Ryckbosch@UGent.be).