ATLAS Postdoctoral Position with Carleton University, Ottawa **(July 1/18)**

The Carleton University Particle Physics Group in Ottawa, Canada invites applications for a postdoctoral position on the ATLAS Experiment. The Carleton ATLAS group currently consists of six faculty members: Alain Bellerive, Dag Gillberg, Jesse Heilman, Thomas Koffas, Gerald Oakham, and Manuella Vincter, as well as three postdoctoral fellows and eight graduate students as of this fall.

The Carleton ATLAS group was responsible for the construction of two forward calorimeter modules for the ATLAS detector at the CERN LHC. Currently, the Carleton group has a major role in the construction and assembly of the small Thin Gap Chambers (sTGC) as part of the muon detector New Small Wheel (NSW) Phase-I upgrade. The group is also taking on significant responsibilities in the construction of the endcap inner tracker strip detector (ITk) as part of the Phase-II upgrade. We are also active in electron, muon, and jet combined performance. The Carleton group contributes to the physics exploration at the LHC, working on Standard Model studies and Higgs physics. For more information on our group please see our web page:-

http://www.physics.carleton.ca/atlas

We are looking for a candidate to work on the NSW project. We are interested in a candidate who holds a Ph.D. degree in experimental particle physics who has demonstrated experience and aptitude in detector construction, particularly with the detector technologies relevant to the NSW upgrade project, and who has a track record of leading contributions to physics analyses. For this project, the candidate would actively contribute to the assembly of the sTGCs and to the commissioning of the detector. The successful applicant would spend approximately half of his/her time working on the upgrade project and the remaining time on combined performance studies and leading physics analyses based on ATLAS Run-2 data, where the team has strong commitments and interests. The candidate would also be expected to help with the supervision of our students. The positions will be based at Carleton University, with frequent travel to CERN.

Candidates should send by email a CV, a statement of research interests, and arrange to have three letters of recommendation sent to:

Professor Manuella Vincter
Department of Physics, Carleton University
Tel (at CERN): +41 22 767 1139
Tel (at Carleton): +1 613 520-2600 ext 1567
Email: vincter@physics.carleton.ca

We will consider applications as soon as they are complete and expect to make the appointment this summer or fall. We encourage all qualified persons to apply.