



**FOR IMMEDIATE RELEASE**

**SEPTEMBER 8, 2008, 2:00PM PDT**

## **Media Alert 10 Sep. 2008: World's Largest Scientific Project Achieves Milestone**

(Vancouver, B.C.) — The ATLAS-Canada Collaboration and TRIUMF are pleased to announce that the Large Hadron Collider in Geneva, Switzerland—the world's largest scientific project—will be marking a very important milestone on September 10, 2008. Three member institutes will host morning receptions across the country to celebrate this achievement. McGill University, TRIUMF, and the University of Toronto will throw open their doors to welcome members of the media and the public to learn up close and personal about the first attempt to send protons around the full 27-km circumference of the LHC. The receptions will feature conversations with local leaders of the Canadian team and a live videoconference with Canadians stationed at the project.

### **McGill University**

Scientists at Quebec universities participating in the LHC project will be hosting a "Large Hadron Collider Start-up Event" at the Rutherford Physics Building, McGill University. The event will begin at 9:00am local time with a live video feed from CERN, short video presentations about McGill's involvement in the project, poster sessions, and special colloquium at 3:30pm by Prof. Cliff Burgess to be followed by wine and cheese. Please contact Prof. Brigitte Vachon at 514-398-6478 or [brigitte.vachon@mcgill.ca](mailto:brigitte.vachon@mcgill.ca) for details and r.s.v.p.

### **TRIUMF**

TRIUMF is Canada's national laboratory for particle and nuclear physics, owned and operated by a consortium of universities. Located in Vancouver on the campus of the University of British Columbia, TRIUMF will be hosting a morning reception from 10:00am to 12:00 noon to celebrate the LHC milestone. The event will feature speakers such as director emeritus Alan Astbury who is credited with firming up Canada's involvement in the LHC, present spokesperson Rob McPherson for the ATLAS Canada team of scientists, and will include scientists from Simon Fraser University, University of British Columbia, and University of Victoria. TRIUMF is located at 4004 Wesbrook Mall, Vancouver, BC V6T 2A3. For details, contact Tim Meyer at 604-222-7674 or [communications@triumf.ca](mailto:communications@triumf.ca).

### **University of Toronto**

Researchers from Ontario also participating in the LHC project will be hosting a full-day event at the University of Toronto's McLennan Physics Laboratories. The team will be hosting a morning reception from 9:00am to 2:00pm local time featuring presentations from local leading scientists, a pizza party at 12 noon along with a high-definition videocast from Canadian researchers at CERN, and much more. The event will be held in Room 110 at the McLennan Physics Laboratories at 60 Saint George Street. Please contact Prof. Bob Orr at 647-284-0847 or [orr@physics.utoronto.ca](mailto:orr@physics.utoronto.ca) for details.

Courtesy of CERN, this historic event will be webcast through <http://webcast.cern.ch>, and distributed through the Eurovision network. See <http://www.cern.ch/lhc-first-beam> for further details. --ends--

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#### **TRIUMF is operated as a Joint Venture by:**

The University of Alberta  
The University of British Columbia  
Carleton University  
l'Université de Montréal  
Simon Fraser University  
The University of Toronto  
The University of Victoria

via a contribution through National Research Council Canada

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## **FOR EDITORS:**

**CERN**, the European Organization for Nuclear Research, is the world's leading laboratory for particle physics. It has its headquarters in Geneva. At present, its Member States are Austria, Belgium, Bulgaria, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom. India, Israel, Japan, the Russian Federation, the United States of America, Turkey, the European Commission and UNESCO have Observer status. Canada has made important contributions to CERN's flagship accelerator, the Large Hadron Collider and one of its associated particle physics detectors, the ATLAS experiment. <http://cern.ch> and <http://lhc-first-beam.web.cern.ch/>.

The Large Hadron Collider **or LHC** is a particle accelerator which, at 27 kilometres in circumference, will be the world's largest and most complex scientific instrument when it switches on in fall 2008. The LHC is the world's most powerful

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particle accelerator, producing beams seven times more energetic than any previous machine, and around 30 times more intense when it reaches design performance, probably by 2010. It relies on technologies that would not have been possible 30 years ago. The LHC is, in a sense, its own prototype.

**ATLAS** is a worldwide collaboration comprising about 2000 scientists and engineers from 178 institutions in 35 countries and regions. These are Armenia, Australia, Austria, Azerbaijan, Belarus, Brazil, Canada, China, Czech Republic, Denmark, France, Georgia, Germany, Greece, Hungary, Israel, Italy, Japan, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Taiwan, Turkey, United Kingdom and the United States of America. **ATLAS-Canada** comprises over 150 faculty members, post-doctoral fellows and students from eleven Canadian institutes: the University of Alberta, University of British Columbia, Carleton University, McGill University, Université de Montréal, University of Regina, Simon Fraser University, University of Toronto, **TRIUMF**, University of Victoria and York University. See <http://www.atlas-canada.ca>

**TRIUMF** is Canada's National Laboratory for Particle and Nuclear Physics. Physically located on the south Campus of the University of British Columbia, TRIUMF is owned and operated as a joint venture by a consortium of the following Canadian universities, via a contribution through the National Research Council Canada and supported by the Province of British Columbia: University of Alberta, University of British Columbia, Carleton University, l'Université de Montréal, Simon Fraser University, University of Toronto, University of Victoria. See <http://www.triumf.ca>

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