



February 25, 2013

Dear Sir or Madam,

The inaugural Tri-Institute Summer School on Elementary Particles (TRISEP) will be held July 1-12, 2013 at TRIUMF in Vancouver, Canada. TRISEP is an international summer school organized jointly by the Perimeter Institute for Theoretical Physics, SNOLAB underground science laboratory, and TRIUMF Canada's national laboratory for particle and nuclear physics. The school will be held annually, revolving between the three institutes.

TRISEP 2013 will offer graduate students and young researchers an extensive overview of Particle Physics, Dark Matter, and Neutrino Physics. Lecture topics will include the Standard Model and the Higgs Boson, Physics Beyond the Standard Model, Neutrino Physics, Cosmology, Accelerator Physics, Analysis Techniques, and Monte Carlo Generators. The lectures will be followed by hands-on tutorial sessions. TRISEP is designed to be very interactive with ample time for questions and discussions.

The format of TRISEP 2013 will be based on previous TRIUMF summer schools. Graduate students at Simon Fraser University, the University of British Columbia (PHYS 555), and the University of Victoria (PHYS 511A) have obtained full or partial course credit for past editions of these schools, and we anticipate the same for this school. TRISEP 2013 will have 35 hours of lectures, and 8 hours of discussion sessions and tutorials. Students wishing to earn course credit will be assigned homework problems (to be graded by the local organizers) and will be given a final course grade. Graded homework results can be provided upon request. The total work load will be equivalent to a standard one-semester course at a Canadian university.

If you are interested in attending TRISEP 2013 and obtaining course credit for it, you must register for the school and:

1. Ask the graduate student coordinator in your department as soon as possible whether you would be able to obtain course credit for attending TRISEP 2013. (This letter may be helpful for this.) If so, make all needed arrangements before the school begins.
2. Inform the local organizers that you wish to obtain course credit for attending TRISEP 2013 before June 1, 2013.

For more information, please see <http://www.trisep.ca/> .

Sincerely,

Local Organizing Committee:

Anadi Canepa (TRIUMF)
Alison Lister (UBC)
David Morrissey (TRIUMF)
Bernd Stelzer (Simon Fraser)
Oliver Stelzer-Chilton (TRIUMF)
Hirohisa Tanaka (UBC and IPP)