



Sixth International Accelerator School for Linear Colliders

March 30, 2011

Dear Colleagues,

We are pleased to announce the *Sixth International Accelerator School for Linear Colliders*. This school is a continuation of the series of schools started five years ago. The first school was held in 2006 at Sokendai, Hayama, Japan, the second in 2007 at Erice, Sicily, Italy, the third in 2008 at Oakbrook Hills, Illinois, USA, the fourth in 2009 at Huairou, Beijing, China, and the fifth in 2010 at Villars-sur-Ollon, Switzerland. The school is organized by the International Linear Collider (ILC) Global Design Effort (GDE), the Compact Linear Collider (CLIC) and the International Committee for Future Accelerators (ICFA) Beam Dynamics Panel. The school this year will take place at the Asilomar Conference Center, Pacific Grove, California, USA from November 6 to 17, 2011. It is hosted by SLAC and sponsored by a number of funding agencies and institutions around the world including the U.S. Department of Energy (DOE), the U.S. National Science Foundation (NSF), Fermilab, SLAC, Stanford University, TRIUMF, CERN, DESY, INFN, IN2P3, CEA, CPAN, Oxford University, KEK, IHEP, TIFR and KNU.

We will offer an 11-day program, including an excursion, a site visit and an examination. There will be 8-1/2 days of lectures. The first two days will be an introductory course with an overview of proposed future lepton colliders (ILC, CLIC and the muon collider). This will be followed by two elective courses, one on accelerator physics and the other on RF technology. Both of these will run in parallel for 6 days. Each student is required to take the introductory course and one of the electives. A complete description of the program can be found on the school web site (www.linearcollider.org/school/2011/). There will be homework assignments and a final examination but no university credits.

We encourage young physicists (graduate students, post doctoral fellows, junior researchers) to apply. In particular we welcome those physicists who are considering changing to a career in accelerator physics. This school is adopting an in-depth approach. Therefore, former students are welcome to apply if they have a compelling reason to do so. The school will accept a maximum of 70 students from around the world. Students will receive financial aid covering their expenses for attending the school including travel (full or partial). There will be no registration fee. Each applicant should complete the online registration form (which can be found on the school web site) and submit a curriculum vita as well as a letter of recommendation from his/her supervisor (in electronic form, either PDF or MS WORD). The application deadline is June 30, 2011. For more information, please contact: Naomi Nagahashi, SLAC National Accelerator Laboratory, 2575 Sand Hill Road, Menlo Park, CA 94025, U.S.A., telephone: +1-650-926-2645, fax: +1-650-926-4365, e-mail: lcschool@slac.stanford.edu

Best regards,

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