



Fifth International Accelerator School for Linear Colliders

March 1, 2010

Dear Colleagues,

We are pleased to announce the *Fifth International Accelerator School for Linear Colliders*. This school is a continuation of the series of schools started four 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, U.S.A., and the fourth in 2009 at Huairou, Beijing, China. 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 Villars-sur-Ollon, Switzerland from October 25 to November 5, 2010. It is hosted by CERN 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, DESY, INFN, IN2P3, CEA, Oxford University, KEK, IHEP, KNU and POSTECH.

We will offer a 10-day program, including an excursion and a site visit. There will be 8 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. 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 at www.linearcollider.org/school/2010/) 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 15, 2010. For more information, please contact: Alexia Augier, CERN, CH-1211, Geneva 23, Switzerland, telephone: +41-22-767-0169, fax: +41-22-767-4194, e-mail: alexia.augier@cern.ch

Best regards,

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