2nd announcement and call for abstracts

TIME 05

Workshop on Tracking in High Multiplicity Environments

Universität Zürich, Switzerland, October 3-7, 2005

General Information

- Charged-particle tracking in the high-multiplicity environment encountered at high-energy hadron colliders poses considerable challenges for detectors and reconstruction algorithms. Special attention is required during the early stages of the experiment, when detectors are not yet perfectly understood, and in its advanced years, when detector performance may deteriorate due to ageing and radiation damage. With our workshop, we would like to invite experts from past and running experiments to share their invaluable experience with their colleagues who now face the challenge to design, commission and run detectors and reconstruction algorithms for a new round of experiments.
- The ever-increasing specialisation in particle physics has led to a situation where mostly "hardware experts" design, commission and run the detectors, whereas "software experts" design and maintain the corresponding reconstruction algorithms. In this siutuation, a very close collaboration and a continuous information exchange between these two groups of experts is absolutely crucial in designing a successful and robust experiment and to understanding its results. With our workshop, we would like to encourage this information exchange between "hardware" and "software" people.
- Participation in the workshop is limited to about 50. Registration is now open through the workshop web page (see below). Twelve invited speakers will give overview talks on different hardware and software aspects of charged-particle tracking in highmultiplicity environments. In the spirit of the workshop, we encourage all participants to give a presentation. We will reserve ample time for discussion in between presentations and during coffee breaks. Proceedings of the workshop will be published in a special edition of Nucl. Instr. and Meth. A.
- The workshop opens with a welcome reception in the evening of Monday, October 3, and ends in the afternoon of Friday, October 7. Wednesday afternoon and evening are reserved for an excursion and the workshop dinner.

More information can be found on the following pages or through the workshop webpage at

http://ckm.physik.unizh.ch/time05

TIME 05

Workshop on Tracking in High Multiplicity Environments

Scientific Program

- The scientific program will consist of oral presentations of typically 20 minutes in length, which will be organised in four sessions:
 - I. Operational and system aspects
 - II. Tracking and vertexing algorithms
 - III. Radiation Environments and Aging
 - IV. Detector Technologies
- We are happy to have attracted the following invited speakers, who will give overview talks on various aspects of tracking in high multiplicity environments

V. Blobel (Hamburg)	M. Capeáns (CERN)
G. Casse (Liverpool)	A. Franz (BNL)
R. Frühwirth (Vienna)	R. Horisberger (PSI)
R. Lipton (FNAL)	M. Moll (CERN)
C. Niebuhr (DESY)	L. Ropelewski (CERN)
R. Snider (FNAL)	M.Winter (IReS)

Registration and Abstract Submission

Registration and abstract submission are possible through the workshop web page at http://ckm.physik.unizh.ch/time05, where we also maintain a preliminary list of participants. We do not impose a formal deadline for registrations but we encourage you to register as early as possible, since this will make it easier for us to prepare the best possible program (see also section accomodation). In case we receive more than 50 registrations, we reserve the right to select the most attractive abstracts.

Proceedings

The proceedings of the workshop will be published in a special edition of NIM-A. In order to guarantee a timely publication of the proceedings, we ask all participants to submit their papers for reviewing by December 1st, 2005, at the very latest.

TIME 05

Workshop on Tracking in High Multiplicity Environments

Location and Arrival

The workshop takes place at the Physik-Institut at the Irchel Campus of Universität Zürich, Switzerland. Zürich is the financial capital and biggest town in Switzerland. It is easily reachable by plane and train. We do not recommend to bring a car. Public transport in Zürich - as well as in all of Switzerland - is excellent, whereas parking space is scarce and expensive. Detailed arrival information and maps of the vicinity can be found on the workshop website at http://ckm.physik.unizh.ch/time05.

Accomodation

We have pre-reserved 50 single rooms in five different hotels in the vicinity of the workshop site. Room rates are between 130 CHF and 195 CHF per night, including breakfast. The list of hotels, together with contact information, can be found on the workshop website at http://ckm.physik.unizh.ch/time05. Please contact the hotel of your choice directly in oder to make a reservation. Rooms will be given on a first-come-first-serve basis. Please note that the pre-reservation expires on September 1^{st.} After that date we cannot guarantee accomodation, although you can of course search for hotels through the Zürich tourism office or your favourite travel web site.

Excursion and Conference Dinner

As part of the workshop, we plan an excursion to Europe's largest waterfalls – the Rheinfall near Schaffhausen – combined with a workshop dinner. Registration for the excursion and dinner can be made upon arrival. Details on the excursion program will soon be posted on the workshop website at http://ckm.physik.unizh.ch/time05.

Registration Fee

The registration fee of 150 CHF is payable in cash upon arrival and covers participation in the workshop, coffee and tea breaks, conference kit, and a copy of the proceedings.

Sponsors

We would like to express our gratitude for their financial support to





