



## 10<sup>th</sup> International “Hiroshima” Symposium on the Development and Application of Semiconductor Tracking Detectors

September 25-29, 2015  
Xi'an, China

### Announcement

The 10<sup>th</sup> International Symposium on the Development and Application of Semiconductor Tracking detectors (HSTD10) will be held on September 25-29, 2015 in Xi'an Jiaotong University, Xi'an, China. The primary goal of this symposium is to bring together experts in the design, processing and applications of semiconductor tracking detectors for discussions of past experiences, lessons learned and new ideas that are still in the early stage of development.

This is the first time this conference is held in China. Previous symposia include:

- 1993 1st, Hiroshima (Nucl. Instr. Meth. A342, 1-308, 1994)
- 1995 2nd, Hiroshima (Nucl. Instr. Meth. A383, 1-266, 1996)
- 1997 3rd, Melbourne
- 2000 4th, Hiroshima (Nucl. Instr. Meth. A466, 243-428, 2003)
- 2004 5th, Hiroshima (Nucl. Instr. Meth. A541, 1-466, 2005)
- 2006 6th, Carmel (Nucl. Instr. Meth. A579, 557-914, 2007)
- 2009 7th, Hiroshima (Nucl. Instr. Meth. A636, S1-S256, 2011)
- 2011 8th, Taipei (Nucl. Instr. Meth. A699, 1-250, 2013)
- 2013 9th, Hiroshima (Nucl. Instr. Meth. A765, 1-296, 2014)

The experimental discovery of the Higgs at the LHC in 2012 and the award of the 2013 Nobel prize to François Englert and Peter Higgs for the theoretical discovery of the Higgs mechanism has shown the light on the instrumental techniques making this discovery possible, which have been the topic of the past nine symposia. Many of the large-scale projects, (ATLAS, CMS, LHCb, ALICE, GLAST, among others), have been successfully completed and gained not only operational experiences and their exciting results, but also already looking forward to future upgrades. At the same time, the LHC experiments are preparing for large-scale upgrades. Thus we would like to put the emphasis of this year's conference on new technologies and future applications.

Like in the past, the program will consist of plenary talks and posters. Invited speakers will introduce the latest topics. The material presented in posters will be available for discussion during coffee/tea breaks throughout the entire conference.

On behalf of the Organizing Committee, we would like to ask you to contribute to HSTD10 in three ways: suggest topics, presentations and speakers (including yourself); inform your colleagues of the date and venue of the conference; and most importantly, plan to attend and let us know soon. For inquiries, please refer the url,

<https://indico.cern.ch/event/340417/>

or e-mail us at [hstd10@ihep.ac.cn](mailto:hstd10@ihep.ac.cn) or directly to the organizers.

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