



12th International “Hiroshima” Symposium on the Development and Application of Semiconductor Tracking Detectors (HSTD12)

Dec. 14 (Sat) - Dec. 18 (Wed), 2019

International Conference Center, Hiroshima, Japan

Announcement

The “Hiroshima” Symposia are being held in series, every two (or three) years in the rim of Pacific Ocean. This year's symposium (12th in series, HSTD12) goes back to its birthplace, Hiroshima, and to be held at the International Conference Center Hiroshima, Japan. For this edition, the chosen period is in the middle of December, a departure from our tradition of early September due to a number of limitations.

<https://indico.cern.ch/event/803258/>



True to tradition, the primary goal of the "Hiroshima" Symposia is to bring experts in design, processing, and applications of semiconductor tracking detectors together, for discussions of experiences, lessons learned, and new ideas which are still in the early stage of development. Application of semiconductor technology is expanding widely not only in the elementary particle physics, that has been the core of the symposia, but also in material sciences, astrophysics, medicine, etc. The organizers welcome all contributions from all researchers and developers working on the technology.

Another goal of the symposia is to publish the results, presented at the conference, to the same standard as in traditional refereed papers. to become a reference of the field. The past venues and the publications are listed in below. This year's symposium will be published as a special issue of Nuclear Instruments and Methods in Physics, as well.

Same as in the past symposia, the program will consist of oral and poster presentations. Invited speakers will introduce the latest topics. The oral presentations are made in plenary sessions. The poster presentations are made throughout the symposium for presentation and discussion, with coffee or tea in your hand, by using the time of coffee/tea and lunch breaks.

On behalf of the Organizing Committee, we would like to ask you to contribute to the symposium, HSTD12, in three ways: suggest topics, presentations, and speakers (including yourself); post the materials (poster, announcement, 1st circular) and inform your colleagues of the date and venue of the conference; and most importantly plan to participate and present your new results. For inquiries, please e-mail us at hstd@ml.post.kek.jp or directly to the organizers.

Yasushi Fukazawa, Hiroshima University
Suen Hou, Academia Sinica, Taipei
Xinchou Lou, IHEP, Beijing
Hartmut Sadrozinski, University of California, Santa Cruz
Yoshinobu Unno (Chair of the organizers), KEK

Previous venues and publications:

"Hiroshima" symposia:

- 11th, Okinawa, 2017 (Nucl. Instr. Meth. A924, in print)
- 10th, Xi'an, 2015 (Nucl. Instr. Meth. A831, 1-448, 2016)
- 9th, Hiroshima, 2013 (Nucl. Instr. Meth. A765, 1-296, 2014)
- 8th, Taipei, 2011 (Nucl. Instr. Meth. A699, 1-250, 2013)
- 7th, Hiroshima, 2009 (Nucl. Instr. Meth. A636, S1-S256, 2011)
- 6th, Carmel, 2006 (Nucl. Instr. Meth. A579, 557-914, 2007)
- 5th, Hiroshima, 2004 (Nucl. Instr. Meth. A541, 1-466, 2005)
- 4th, Hiroshima, 2000 (Nucl. Instr. Meth. A466, 243-428, 2003)
- 3rd, Melbourne, 1997
- 2nd, Hiroshima, 1995 (Nucl. Instr. Meth. A383, 1-266, 1996)
- 1st, Hiroshima, 1993 (Nucl. Instr. Meth. A342, 1-308, 1994)