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

International Conference Center Hiroshima, Hiroshima, Japan, Dec. 15-18, 2019

KEY DATES:
Abstract submission: 15 July - 2 Sep.
Registration: 15 July - 15 Oct. (Early) - 15 Nov.

https://indico.cern.ch/event/803258/
For further information – email: hstd@ml.post.kek.jp

TOPICS:
Simulations
Technologies
Pixel and Strip Sensors
Radiation Tolerant Materials
ASICs
Large Scale Applications
Applications in Biology, Astrophysics, Medicine, ...
New Ideas and Future Applications

International Advisory Committee:
P. Allport (Univ. Birmingham, UK)
N. Cartiglia (INFN Torino, Italy)
M. Garcia-Sciveres (BNL, Berkeley, US)
G. Hall (Imperial College, London, UK)
S.C. Lee (Academia Sinica, Taipei, Taiwan)
T. Ohsumi (Hiroshima Univ., Japan)
A. Seiden (Univ. California, Santa Cruz, US)
T. Takahashi (Univ. Tokyo, Kashiwa, Japan)

Organizing Committee:
Y. Fukazawa (Hiroshima)
S. Hou (Academia Sinica)
X. Lou (IHEP)
H. F.-W. Sadrozinski (UC Santa Cruz)
Y. Unno (Chair, KEK)

Local Organizers:
Y. Fukazawa (Chair, Hiroshima)
T. Mizuno (Hiroshima)
T. Ohsumi (Hiroshima)
H. Takahashi (Hiroshima)
Y. Unno (KEK)

Sponsors & Supporters:
Hamamatsu Photonics
Hiroshima Univ.
Hayashi-Repic, Acrorad
SOI Consortium
C&A
Welcome to 12\textsuperscript{th} Hiroshima Symposium (HSTD12)

The Symposium is made possible by all contributions. First of all, you the participants
Then ...
The organizers

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- Acrorad
- SOI Consortium
- C&A

... and more
Support from City of Hiroshima

- We appreciate the support of the city/citizens of Hiroshima
  - through “Hiroshima Convention bureau”
  - Financial support
  - “Kagura” dancing as an entertainment in the banquet
  - Free admission to the peace memorial museum, and
  - Welcome message from the mayor

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

It is my great pleasure to welcome you to Hiroshima upon the occasion of the 12th International “Hiroshima” Symposium on the Development and Application of Semiconductor Tracking Detectors (HSTD12).

As I am sure you are aware, Hiroshima is known across the globe as a place of peace. People from all corners of the world visit Peace Memorial Park, where UNESCO World Heritage site the Atomic Bomb Dome stands as a symbol of Hiroshima. Their kind offerings of flowers and paper cranes at the Cenotaph for the A-bomb Victims and the Children’s Peace Monument are unending. Being held here in Hiroshima, I believe that the impact of this symposium will be amplified in several ways, such as through wider coverage of outcomes and results.

Hiroshima City has prospered for the past 400 years. Initially a castle town, our city has developed into one of western Japan’s core cities for industry, the economy, and administration. We are blessed with temperate climes and an abundance of nature, and are known as the “City of Water” for the six rivers that flow through our city. These six rivers create stunning cityscapes which are best enjoyed from aboard a pleasure boat river cruise or from one of our many riverside open-air cafes. These views change with the passing of the seasons, and never fail to impress residents and tourists alike.

Here in Hiroshima, I hope you all experience hospitality like no other. Please enjoy our rich natural sites and cityscapes, food culture, and local traditional performing arts, among so much more our city has to offer. Moreover, it is my earnest wish that you will also share in Hiroshima’s enduring wish for peace which I believe former U.S. President Barack Obama and Pope Francis took to heart during their historic visits to our city in May 2016 and November this year respectively. I sincerely hope that Hiroshima becomes a city which you will want to visit again and again.

In closing, I would like to offer my very best wishes for the success of this symposium, and for the health and prosperity of everyone involved.

Sincerely yours,

松井一資
MATSUI Kazumi
Mayor
The City of Hiroshima
“Hiroshima” sympo around the Pacific rim, every 2-3 yrs, alternating Hiroshima and outside, in tradition...
HSTD12 - Logistics

Y. Unno, Y. Fukazawa, T. Mizuno, H. Takahashi
Local Organizers
Garbage Disposal

• **No garbage box** in the building
  – Participants should use **LOC-prepared garbage bags** (at several places, e.g. Coffee/Tea/Poster rooms).

• **Three garbage bags:**
  – **Combustible**: Raw garbage, Paper garbage ...
  – **Incombustible**: Plastics in general...
  – **Recyclable**: Bottles (PET, Glass) 、 Cans (Al, Steel) ...  

• **Last words:**
  – **NO LITTER**, please.
Garbage separation

1. **Burnable**
   - Food waste
   - Paper

2. **Unburnable**
   - Plastic
   - Cap of PET bottle
   - Label of PET bottle

3. **PET, Can**
   - Only bottle body
   - Can

From Hiroshima city
NO-Smoking

• Please pay attention
  – The whole park, including all buildings, is NO-Smoking.
  – Smoking is only allowed in one dedicated area in B1F floor in this building.
Venue (Opens at 8:30)

Ground floor

- Entrance
- Escalator (Go down)
- Hiroshima Peace Memorial Museum
- Reception Desk (Dec. 14, 15th)
- Reception food/drink (Dec. 14th)
- Oral, Poster_1 (Dec. 15th)
- Poster (Dec. 16-18th)

B1F

- Escalator
- Reception Desk (Dec. 16-18th)

B2F

- Poster_2 (Dec. 15th)
- Oral (Dec. 16-18th)

Venue

(Opens at 8:30)
## Schedule (in general)

<table>
<thead>
<tr>
<th>Time</th>
<th>14th (Sat)</th>
<th>15th (Sun)</th>
<th>16th (Mon)</th>
<th>17th (Tue)</th>
<th>18th (Wed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(8:30-9:00)</td>
<td>Building open Registration#2 (9:00-12:30)</td>
<td>Building open</td>
<td>Building open</td>
<td>Building open</td>
<td>Building open</td>
</tr>
<tr>
<td>(9:00-10:40) AM1</td>
<td>Session1 (B1F M. rooms#4-6)</td>
<td>Session5 (B2F RAN)</td>
<td>Session7 (B2F RAN)</td>
<td>Session11 (B2F RAN)</td>
<td></td>
</tr>
<tr>
<td>(10:40-11:20)</td>
<td>Coffee &amp; POSTER (POSTER posting) (B1F M. room#3 + B2F RAN1/2)</td>
<td>Photo/Coffee &amp; POSTER (Even# to standby) (B1F M. rooms#5-6)</td>
<td>Coffee &amp; POSTER (Odd# to standby) (B1F M. rooms#5-6)</td>
<td>Coffee &amp; POSTER (B1F M. rooms#5-6)</td>
<td></td>
</tr>
<tr>
<td>(11:20-12:40) AM2</td>
<td>Session2</td>
<td>Session6</td>
<td>Session8</td>
<td>Session12</td>
<td></td>
</tr>
<tr>
<td>(12:40-14:20) Lunch</td>
<td>Lunch &amp; POSTER</td>
<td>Excursion(*)</td>
<td>Lunch &amp; POSTER</td>
<td>Lunch &amp; POSTER (removal)</td>
<td></td>
</tr>
<tr>
<td>(14:20-16:00) PM1</td>
<td>Session3</td>
<td>Excursion(*)</td>
<td>Session9</td>
<td>Session13</td>
<td></td>
</tr>
<tr>
<td>(16:00-16:40)</td>
<td>Tea &amp; POSTER (Odd# to standby)</td>
<td>Excursion(*)</td>
<td>Tea &amp; POSTER (Even# to standby)</td>
<td>Adjourn</td>
<td></td>
</tr>
<tr>
<td>(16:40-18:00) PM2</td>
<td>Session4</td>
<td>Excursion(*)</td>
<td>Session10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(18:00-21:00) Evening</td>
<td>Welcome party Registration#1 (B1F Meeting rooms#5-6)</td>
<td>POSTER (free time) Transfer (19:00) to B1F M. rooms#5-6</td>
<td>POSTER (free time)</td>
<td>Symposium Banquet (Bunka Koryu Kaikann)</td>
<td></td>
</tr>
</tbody>
</table>

(*) The session room will be “locked” while we are in Excursion. You can leave your bags.
A Few Remarks

- The building opens at 8:30
- Posters shall be posted at the 1st coffee/tea/poster break on 15th Dec.
- Poster rooms are different on 15th and the rest
  - 15th: Meeting room#3 (B1F) AND RAN(1/2) (B2F)
  - the rest (16th-18th): Meeting rooms#5-6 (B1F)
  - Transfer of the poster boards are taken care by the organizers, at 19:00 on 15th.
- Posters are available until 21:00 on 15th and 16th
  - Join till your dinner break or even after dinner !!
  - You can bring your own refreshments
    - You can get from a vending machine on the ground floor or at a convenience store (Lawson, 260 m south).
    - Don’t forget to trash your garbage into LOC-prepared garbage bags.
- An English guidance is available on 3rd and the last day
  - for local attractions, sightseeing, and else
  - near the poster rooms (B1F, Meeting rooms#5-6)
- Lunches & Dinners
  - Your adventure into the town
  - A restaurant guide is in your kit and in the next page
Restaurant Guide

1) Hazeya
2) かんらん車
3) Okonomimura
4) 大丸堂
5) こひなた
6) Oyster ship Kanawa
7) Starbucks
8) DOUTOR Hiroshima Hondori Shop
9) くにまつ 中電前店
10) dali
11) SocialBookCafeハチドリ舎
12) Subway
13) 45 キャラントサンク
14) 陽気 大手町店
15) 和華
16) 唐人楼
17) Ichiran Hiroshima Hondori shop
18) まいどおきに 広島袋町食堂店
19) Cafe Ponte
20) にぎり座
21) TULLY'S COFFEE Hiroshima Hondori Shop
22) Kurashiki Coffee
23) Park South South Sandwich
24) Obscura Coffee Roasters
25) Mister Donut
26) KFC
27) McDonald's
28) Tsukemen Karabu Tokaichimachi
29) 炭焼ダイニング WA
30) Ita Soba Kaoriya
31) 旬の肴と炙り 月あかり

A great job by students 😊

Vegetarian: http://wwwtb.mlit.go.jp/chugoku/content/000044336.pdf
Halal: http://wwwtb.mlit.go.jp/chugoku/content/000044332.pdf
WiFi information

• Conference room:
  – SSID: icch-wifi
  – Password: icch2427777

• Lobby:
  – SSID: icch-free
  – Password: icc-h
Copy, Fax, Print

• Self-service at the information/office on the ground floor
• With fee
  – Copy: per side, B5/A4/B4/A3, B&W/10 JPY, Color/50 JPY
  – Fax: sending per page, 50 JPY (domestic), 100 JPY (international), receiving per page, 10 JPY
  – Print: per side, B&W/10 JPY, Color/50 JPY, use your own PC
A Print Shop

• In case you have to print your poster (A0),
• A print shop is available, “Office24Kamiyacho”, “Kinko’s Heiwa-to-ori-ten”, ...
Excursion from 13:00 on Dec 16th (Mon)


Schedule

13:00 leave conference hall by bus  
   lunch (delivered sandwich+water) on bus  
13:40 arrive Miyajima parking area  

(1) **13:50 ferry**  
   14:00 Miyajima island  

(2) **14:30 enter Itsukushima shrine**  
   Free time (shopping, other temples, etc.)  

(3) **17:00 meet at entrance of ferry terminal**  
   (See left bottom of next page)  
   17:30 leave Miyajima parking area  
   18:30 dismiss at conference hall (may delay due to traffic jam)

At (1), (2) and (3), LOC deliver a ticket for ferry/shrine.  
If you miss especially (3), we will leave without you.

LOC phone: 090-4366-3858  
+81-90-4366-3858
Enjoy excursion on Dec. 16th
Banquet at 19:00-21:00 on Dec 17th (Tue)

Place: Bunka Koryu Kaikan
文化交流会館
500 m (~6 mins) south from conference hall.

We can leave together from conference hall at 18:30.

There is Kagura show 神楽 (Japanese traditional dance) during banquet.
Dinner on Dec. 17th

Enjoy “Kagura”
Other Point-of-Interests

• There are two places in this park...

• Hiroshima Peace Memorial Museum
  – [http://hpmmuseum.jp/?lang=eng](http://hpmmuseum.jp/?lang=eng)
  – Admission: Free with your name tag
  – Opening hours: 8:30-17:00

• Hiroshima National Peace Memorial Hall for the Atomic Bomb Victims
  – Admission: free
  – Opening hours: 8:30-17:00
Enjoy local food

Hiroshima-style Okonomi-yaki
おこのみやきお好み焼き

Oyster
カキ／牡蠣

Anago-Meshi
穴子／あなご
Enjoy the symposium,
maximally 😊

The organizers
Backup
Meet at 17:00

Itsukushima shrine