



# 12<sup>th</sup> 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

**Circular (Mar. 29, 2019, updated: Dec 6, 2019)**

In series, the “Hiroshima” Symposia are being held in every two (or three) years in the rim of Pacific Ocean. This year's symposium (12<sup>th</sup>, HSTD12) goes back to its birthplace, Hiroshima, 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 constraints.

## Information and Contact

The information about the symposium is being updated continually on the symposium web page, <https://indico.cern.ch/event/803258/>



Please follow the web page for any changes. All communications are to be directed by e-mail to [hstd@ml.post.kek.jp](mailto:hstd@ml.post.kek.jp).

## Venue

The symposium will be held at the International Conference Center Hiroshima, Hiroshima, Japan (<http://www.pcf.city.hiroshima.jp/icch/english.html>).

## Key dates

15 July – 2 Sep.	Submission of Abstracts
15 July – 15 Oct. (Early) – <del>20 Nov.</del> 15 Nov. (Normal)	Online Registration
14 Dec. evening	Welcome party/Poster posting
15 Dec. – 18 Dec.	Symposium (Scientific program)
1 Jan. – 15 Feb. 2020	Submission of NIMA manuscripts to Elsevier Editorial System (EES)

## Schedule (see attached info. as well)

The symposium begins in the evening of Saturday, 14<sup>th</sup> Dec., a welcome party to ease your fatigue from long travel to Hiroshima from your home, together with an on-site registration desk. We also use the time for posting posters.

The scientific program starts on 15<sup>th</sup>, Sunday morning and continues to 18<sup>th</sup>, Wednesday afternoon. Coffee/tea breaks are prepared in the morning and afternoon not only for refreshing but also for the chance to enjoy the poster presentations and discussions along with your cup of coffee/tea and pastry.

The scientific program is consisted of oral and poster presentations, by invitation only based on the selection of submitted abstracts. The program committee is responsible for the selection and assignment of the contributions to **oral** or **poster** presentations. **All presentations are plenary.** The schedule/time table will be updated on the symposium web page as needed. The poster presentations are posted, from Monday due to room constraint, throughout the symposium for presentation and discussion, with coffee/tea in your hand, by using the time of coffee/tea breaks.

On ~~17<sup>th</sup>, Tuesday~~ 16<sup>th</sup> Monday, we plan a break: in the afternoon an **excursion** for enjoying the local attractions of Hiroshima, and in the evening of 17<sup>th</sup>, Tuesday, the symposium **banquet** with local dishes.

### **Scientific Contributions**

An **abstract of your contribution** must be submitted between **15<sup>th</sup> July** and **2<sup>nd</sup> September** through the link, **Call for abstract** (<https://indico.cern.ch/event/803258/abstracts>), in the web page. The program committee will review the contributions and notify the acceptance by 25<sup>th</sup> September. Presentations are by invitation only.

In the symposium, an **electric file** of the **Oral** and/or **Poster** presentations must be uploaded **one day before the presentation at the latest** directly to the “materials” of your contribution in the web page by presenter. The format of the presentation is **Oral: 4:3 display**, and **Poster: A0 portrait** (841 (horizontal width) × 1189 (vertical height) mm<sup>2</sup>), the maximum. In order to identify the file easily, please name it as

(submission ID)-(Last name)-(what ever you like).(filetype)  
e.g. 101-Unno-goodNaming.pdf

All contributions, orals and posters, that are presented in the symposium, are eligible for publication in the special issue of **Nuclear Instruments and Methods in Physics, Section A**. The manuscript must be submitted by **15<sup>th</sup> Feb., 2020**. The manuscript shall be in the **same quality of the paper as the normal publication** and conform the rules of Elsevier (<https://www.elsevier.com/journals/nuclear-instruments-and-methods-in-physics-research-section-a-accelerators-spectrometers-detectors-and-associated-equipment/0168-9002/guide-for-authors>). Read the section, Proceedings of HSTD12, for further information.

### **Registration**

Registration to the symposium must be made **online only** through the “**Registration**” link of the web page. Online registration ~~closes 20<sup>th</sup> Nov.~~ **15<sup>th</sup> Nov., 2019**. We appreciate very much your **early registration** before **15<sup>th</sup> Oct., 2019**, to help facilitate the planning, especially knowing approximate number of participants.

### **Registration Fees**

The following registration fees (**final/updated**) apply for the 4-day symposium:

<b>Registration</b>	<b>Fee</b>	<b>Included:</b>
Early (Before <b>15<sup>th</sup> Oct.</b> )	25,000 Yen	Symposium kit, Symposium management, Coffee breaks, A copy of the special issue of NIMA Proceedings including publication fee of paper (standard access), Symposium dinner and Excursion.
Normal	30,000 Yen	
Student Early (before <b>15<sup>th</sup> Oct.</b> )	20,000 Yen	
Student Normal	25,000 Yen	
Accompanying person	See below	

The fee shall be paid through the **online registration page**. Please note that your registration is only valid after your payment of the registration fee (by the closure of the normal registration). ~~We accept exceptional payment on site if you have trouble in paying online and have pre-arrangement with the organizing committee for the payment on site.~~ We DO NOT accept payment on site. Please pay either through the payment of the registration page or the bank transfer for in case if you have trouble in paying online. The on-site registration desk will be open in the evening, 14<sup>th</sup> Dec., along with the welcome party, and in the morning of 15<sup>th</sup> Dec. at the symposium site to pickup your name tag and conference kit, etc.

### **Social Events**

We will plan a few social events. The fees for a participant are

Symposium excursion: 3,000 Yen

Symposium dinner: 5,000 Yen

These are included in the registration fee for the registered participants, and are extra per accompanying person.

### **Accompanying Person Program**

~~We will organize a few activities for accompanying persons to make the visit to Hiroshima a memorable one. Please indicate participation in the Registration page.~~ Sorry, there will be no organized accompanying

person program. We wish the accompanying person to arrange programs by themselves. The organizers are available to help and for queries on the places of interest.

### **Accommodations**

We **do not** arrange a block booking of accommodation. We list our recommended hotels nearby and request the participants to make your **own booking** through booking pages of hotels or booking companies. Since your stay at Hiroshima may include **Saturday, 14<sup>th</sup> Dec.**, we advice to make a booking as soon as possible if you plan participation. Normally, cancellation of booking is free till one week before the stay, e.g., if you have to cancel.

Below is a list of our recommendation:

The nearest and our choice:

~~Hotel Sunroute Hiroshima: <https://en.sunroute.jp/our-hotels/chugoku-shikoku/hotel-sunroute-hiroshima>~~

Now, changed to Sotetsu Grand Fresa Hotel: <https://fresa-inn.jp/en/hiroshima/>

The other nearby hotels are

Comfort Hotel Hiroshima Otemachi

Daiwa Roynet Hotel

Dormy Inn Hiroshima

Hotel Hokke Club Hiroshima

Hotel Park Side Hiroshima Peace Park

ANA Crowne Plaza Hiroshima

You may find many restaurants in the area, e.g.

<https://www.google.co.jp/maps/search/Restaurants/@34.3923384,132.4537587,16z>

If you wish to book other hotels, you may use, e.g., “Japan-guide.com” for a list of commercial hotel booking web sites: <https://www.japan-guide.com/e/e2160.html>

### **Access**

You may find access methods in web pages, e.g., of your hotel. Here are some info for your convenience in case of Hotel Sunroute Hiroshima.

For **Japan**, you have several choices of international airport to arrive:

**Tokyo Narita** airport,

**Tokyo Haneda** airport,

**Kansai** Osaka airport,

**Kyushu Fukuoka** airport, and

**Hiroshima** airport.

For **Hiroshima** from the air ports:

From **Tokyo Narita** or **Tokyo Haneda** Airport

- take a local train for a nearby **JR Shinkansen** (Bullet train) station, e.g., **JR Tokyo station** (or **JR Shinagawa** station which is the nearest to **Haneda** airport), then take a bullet train for **JR Hiroshima** station (total duration about 6 hrs) or

- take a **local flight** to **Hiroshima** airport, then take a limousine bus service for "**Hiroshima bus center**" (total duration about 3 hrs).

From **Kansai** Osaka airport - take a local train for JR Shinkansen **Shin-Osaka station**, then take a bullet train for **JR Hiroshima** station (total duration about 3 hrs).

From **Kyushu Fukuoka** airport - take a metro for **JR Hakata** station, take a bullet train for **JR Hiroshima** station (total duration about 2 hrs).

From **Hiroshima** airport – take a limousine bus service for "**Hiroshima bus center**" (about 1 hr).

For **Hotels**:

Taxi - once you are in the city of Hiroshima, you can take a taxi.

**Tram service:**

From JR Hiroshima station - take tram **line #1**, get off at "**Chuden-mae**" stop, then 2 min. walk.

From Hiroshima bus center - take tram **line #1** at "**Kamiyacho-higashi**" stop, get off at "**Chuden-mae**" stop, then 2 min. walk

### **Weather**

Winter weather starts in December and it is usually cool or cold. Skies are often sunny, but it may rain or snow a few times during the month. The city is not crowded in December, making it a great time to visit if you like peace and quiet. Average temperature: high (C/F): 12°/54° - low (C/F): 4°/39°.

### **Hiroshima**

(ref.: Japan-guide.com)

Hiroshima (広島) is the principal city of the Chugoku Region and home to over a million inhabitants. In industry, it is the home town of Mazda Automobile company.

When the first atomic bomb was dropped over Hiroshima on August 6, 1945, the city became known worldwide for this unenviable distinction. The destructive power of the bomb was tremendous and obliterated nearly everything within a two kilometer radius. After the war, great efforts were taken to rebuild the city. Predictions that the city would be uninhabitable proved false. Destroyed monuments of Hiroshima's historical heritage, like Hiroshima Castle and Shukkeien Garden, were reconstructed. In the center of the city a large park was built and given a name that would reflect the aspirations of the re-born city: Peace Memorial Park.

Top attractions in Hiroshima are Peace Memorial Park, Mazda Museum, Shukkeien Garden, Hiroshima downtown, and Hiroshima castle. Side trips from Hirosham are Miyajima island that is known for its Itsukushima shrine and large torii gate, Iwakuni city that is the site of the picturesque Kintai-kyo Bridge, Onomichi city and then Tomonoura town that is a local port town being a model of Ghibli's anime-movie "Ponyo on the cliff by the sea", Kurashiki city that is known by a historical canal area and the Ohara museum of art, etc.

### **Visa Information**

Participants from some countries are required to obtain a VISA to enter Japan (Short-term, Single/Multiple entry). Please check well in advance whether it is applicable for you. Also, please consult with Embassy/Consulate of Japan nearby you regarding the required documents.

[Guide to Japanese Visas by Ministry of Foreign Affairs of Japan](#)

[List of Countries and Regions That Have Visa Exemption Arrangements with Japan by Ministry of Foreign Affairs of Japan](#)

The VISA application for those with nationality of [China](#), [India](#), ... is sorted than others:

- (1) You/We are NOT applicable for the VISA category I (Applicants for business).
- (2) You may apply for the VISA category II (Applicants for cultural or intellectual figures) if your position is "a full-time professor, assistant professor, or lecturer of a university or a college". The required documents are
  - Passport, Visa application form, Documents to prove the applicant is qualify for the position, Certificate of residence, Itinerary of stay
- (3) if you are a student, you may apply for the Tourism (sightseeing) VISA, through a travel agency.

[Other countries](#) than China, India, ..., if you apply VISA (Short-term, Business affairs: Conference), please enter online registration first. Then, send the following 1) to 3) to the chair of the organizers to provide further information to process the VISA request documents.

- 1) A copy of Passport (the page of name and photo)
- 2) Schedule of Stay
- 3) Letter of Guarantee

Fill the info of the guarantor in your country, with signature, who guarantees

1. Expenses for the applicant's stay in Japan
2. Return travel expenses
- 4) Name of the city where the Embassy/Consulate of Japan is to which VISA application is submitted.

In return, we will send the applicant the necessary documents (Invitation letter, etc.) Students may apply for Tourism (sightseeing) VISA.

### **Proceedings of HSTD12**

The contributions to the conference will be published as a special issue of Nuclear Instrumentations and Methods in Physics Research, Section A (NIMA).

The manuscripts should be prepared in accordance with the standards of the journal. Please have a look first at [ELSEVIER'S GUIDE TO PUBLICATION](#). One has to use specific for NIM A [Instructions for Authors](#) where one may find instructions how to write a manuscript in Word and LaTeX.

The length of a paper is **5 to 6 pages** for both oral and poster presentations, where a page is a NIMA page after printing (approximately 6800 characters/page (without figures)). Please consult a recent NIMA issue to value a page, e.g. of [HSTD11](#). Also, the number of pages can be estimated as in "How to calculate the size of a paper" in below.

Please pay attention to the deadline date of submission and plan your time in advance for writing the paper. Formal submission ends on **15 Feb, 2020**. (For late submission due to "force majeure", please contact the organizer/editor of the conference.) A copy of the proceedings book is included in the conference fee and will be sent to each participant once printed.

#### *Instructions for online paper submission:*

Go to the [submission website](#). Follow the [Submit paper link](#) and Author Login. If you are using Elsevier Editorial System (EES) for the first time, you may have to register first.

To ensure that all manuscripts are correctly identified for inclusion into the conference proceedings, it is mandatory to select the proper "Article Type", SI: NIMA-HSTD 2019 (TBD), when you reach the Article Type in the submission process.

#### *Page format of the manuscript:*

The manuscript should be in **single column, double-spacing, with line numbers** associated. In LaTeX, please set

```
\documentclass[preprint,12pt]{elsarticle}
```

#### *How to calculate the size of a paper:*

1. A full text page contains about 6800 characters (including space characters).
2. In general the title and abstract takes about 1/2 page.
3. One square figure (that fits one column) corresponds to about 1200 symbols plus about 60 symbols for one caption line.

In LaTeX, to count the number of pages, you may use

```
\documentclass[final,3p,times,twocolumn]{elsarticle}
```

and for the figures

```
\begin{figure}[htb]
```

```
\begin{center}
```

```
\includegraphics[width=0.5\linewidth]{figs/FIGURE_NAME}
```

```
etc
```

### **Others**

Please don't hesitate to contact us if you have questions or if you need assistance for making arrangements.

Best regards,

HSTD12 organizers:

Y. Fukazawa, Hiroshima University

S. Hou, Academia Sinica Taipei

X. Lou, IHEP Beijing  
H. Sadrozinski, University of California, Santa Cruz  
Y. Unno ([Chair of the organizers](#)), KEK



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## Schedule (Draft)

	14 <sup>th</sup> (Sat)	15 <sup>th</sup> (Sun)	16 <sup>th</sup> (Mon)	17 <sup>th</sup> (Tue)	18 <sup>th</sup> (Wed)
		(9:00-12:30) Registration#2			
(9:00-10:30) AM1		Session1	Session5	Session7	Session11
(10:30-11:10) Coffee break & Poster session		Coffee&Poster (Even# to attend)	Coffee&Poster (Odd# to attend)	Coffee&Poster (Even# to attend)	Coffee&Poster
(11:10-12:40) AM2		Session2	Session6	Session8	Session12
(12:40-14:30) Lunch		Lunch&Poster	Excursion	Lunch&Poster	Lunch&Poster (removal)
(14:30-16:00) PM1		Session3	Excursion	Session9	Session13
(16:00-16:40) Tea break & Poster session		Tea&Poster (Odd# to attend)	Excursion	Tea&Poster (Odd# to attend)	Tea&Poster (removal)
(16:40-18:10) PM2		Session4	Excursion	Session10	
(18:00-21:00) Evening	Welcome party Registration#1 Poster posting	Poster (free time)	Poster (free time)	Symposium dinner	

All presentations, oral or posters, are by invitation only after the selection of submitted abstracts. The poster presentations start on Monday morning and continue until Wednesday lunch time.

(Coffee/tea break/Poster (40 min) are in the morning and in the afternoon)