

Trapped Charged Particles and Fundamental Physics 2014

December 1 – 5, 2014

Takamatsu, Shikoku Island, Japan

2nd circular

The sixth international conference on Trapped Charged Particles and Fundamental Physics (TCP2014) will be held in Takamatsu, on the Japanese island of Shikoku, during December 1 – 5, 2014. This conference belongs to the series of conferences started in Lysekil (Sweden) in 1994, followed by a conference at Asilomar (USA) in 1998, [Wildbad Kreuth \(Germany\) in 2002](#), [Parksville on Vancouver Island \(Canada\) 2006](#) and [Saariselkä, northern Finland in 2010](#). The conference in Takamatsu will focus on recent developments and highlights in the field of trapped charged particles. In particular, it will address the following scientific fields:

- Fundamental Interactions and Symmetries
- Quantum and QED Effects
- Precision Spectroscopy and Frequency Standards
- Anti-Hydrogen
- Plasma Effects and Collective Behavior
- Ion Traps for Radioactive Nuclei and Highly Charged Ions
- Storage Ring Physics
- Applications of Particle Trapping: Chemistry, Trace Analysis, ...

Call for abstracts

[Abstract submission](#) can be made from the [conference web site](#). We will accept abstracts as single-page PDF files. While we require no particular style guide, we advise submitters to be succinct. When submitting abstracts, please select preference of poster or oral presentation. Abstracts not selected for oral presentations will be offered a poster presentation.

Conference Registration

Conference registration can be made from the [conference web site](#). The registration fee covers the welcome reception, all conference sessions, conference program and list of abstracts, proceedings conference banquet on the evening of December 2nd as well as coffee breaks. Fee for accompanying persons covers welcome reception and banquet.

	<u>Early</u>	<u>Late</u>
General Participant	¥40,000	¥45,000
Student Participant	¥20,000	¥30,000
Accompanying Person	¥10,000	¥10,000



Important Dates (JST)

Abstract submission open	June 1, 2014
Abstract submission closes	August 30, 2014
Selection of oral contributions	October 17, 2014
End of early registration	October 30, 2014
Payment deadline for early registration	November 3, 2014

Scientific Program

The conference will consist of both invited and contributed lectures, as well as a poster session. A tentative list of [invited speakers](#) can be seen at the conference web site.

The conference venue will simultaneously host the 11th International Workshop on Non-Neutral Plasmas (NNP2014) and a joint session will be held. NNP2014 participants wishing to contribute a poster to TCP2014 are invited to contact the TCP2014 organizers.

TCP School

The TCP conference will be preceded by a school on Trapped Charged Particles at RIKEN in Wako, Japan, during November 28-29. This will provide a perfect opportunity for graduate students to directly interact with and gain knowledge from leading figures in the field of trapped-ion physics prior to the conference.

Conference Venue

The conference will be held at the Sunport Hall Takamatsu Kagawa International Conference Hall, which provides a beautiful view of the Seto Inland Sea.

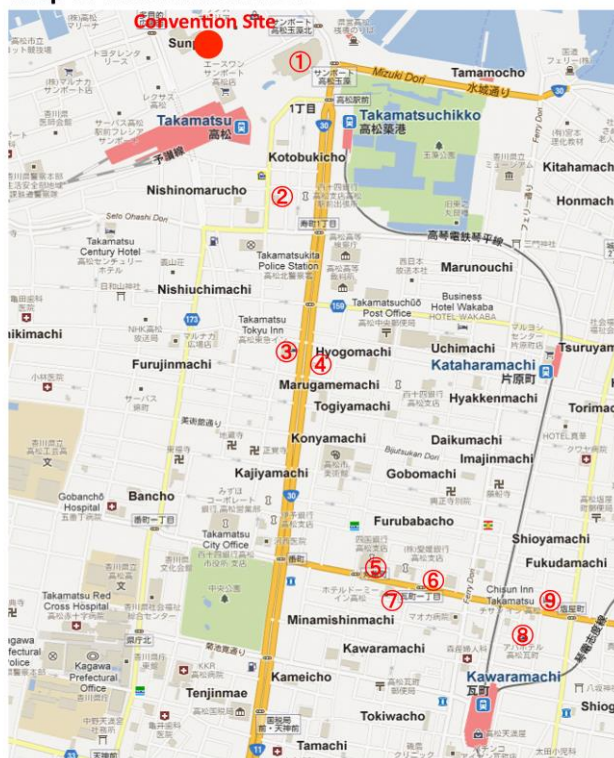
Travelling to the conference

The Takamatsu area is accessible by air, [train](#) and [bus](#). Domestic flights connect Takamatsu airport (TAK) with Haneda airport (HND), while international connections can be made through Seoul (ICN), Shanghai (PVG), and Taipei (TPE).

For those attending the TCP school at RIKEN, Wako is 90 minutes from Haneda airport by [train](#) or [bus](#), allowing for a simple air connection to Takamatsu.

Accommodations

Map of Accommodations



It takes 15-20 min. from Convention site to No.5-7 on foot.

The easy way to get to No. 8-9 is to take the local train near Convention site.

A map of sponsoring hotels is provided at left, with links below. We strongly request participants to use these hotels, as the monetary value of municipal support for the conference is based in part on bookings at sponsoring hotels.

1. [JR Hotel Clement](#)
2. [Terminal Hotel](#)
3. [Tokyu Inn](#)
4. [Rhiga Hotel Zest](#)
5. [Daiwa Roynet Hotel](#)
6. [Takamatsu Washington Hotel Plaza](#)
7. [Dormy Inn](#)
8. [APA Hotel](#)
9. [Chisun Inn](#)

Excursions

Three excursion options are planned for the afternoon of Wednesday, December 3rd:

"Garden, Food, Culture" excursion will visit [Ritsurin garden](#), [Yashima battle field](#), and [Shikokumura folkcraft museum](#).

"Naoshima island" excursion will tour various art galleries on [Naoshima artist island](#).

"Udon culture" excursion will feature Udon noodle making at [Nakano Udon school](#) ([English](#) info), a visit to [Kotoshira shrine](#), and a tour of [Konpira Kanamaruza](#) Kabuki Theater.

Local Organizers:

T. Azuma, RIKEN

N. Nakamura, University of Elec.-Communications

Y. Sakemi, CYRIC, Tohoku University

K. Sugiyama, Kyoto University

T. Uesaka, RIKEN

H. Higaki, Hiroshima University

A. Ozawa, Tsukuba University

P. Schury, RIKEN (Scientific Secretary)

H. Ueno, RIKEN

M. Wada, RIKEN (Chair)

International Advisory Committee:

J. Äystö, University of Helsinki

K. Blaum, MPI for Nuclear Physics, Heidelberg

A. Czarnecki, U. Alberta

M. Doser, CERN

A. Jokinen, University of Jyväskylä

Y.-K. Kim, IBS, Daejeon

X. Ma, Institute of Modern Physics, Lanzhou

G. Savard, ANL/U. Chicago

R. Schuch, Stockholm University

M. Wada, RIKEN

D. Wineland, NIST Boulder

G. Bollen, NSCL/MSU

J. Bollinger, NIST Boulder

J. Dilling, TRIUMF

G. Gabrielse, Harvard University

K. Jungmann, KVI Groningen

H.-J. Kluge, GSI Darmstadt

O. Naviliat-Cuncic, NSCL/MSU

C. Scheidenberger, GSI Darmstadt

N. Severijns, U. Leuven

E. Widmann, S. Meyer Institute Vienna