



**20th International
Conference on
the Physics of
Highly Charged Ions**

Aug. 29 – Sep. 3, 2022

Matsue, JAPAN

<http://yebisu.ils.uec.ac.jp/hci2022/>



Contact: hci2022@tmu.ac.jp



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First announcement**

HCI 2022 is the 20th in a series of International Conference on the Physics of Highly Charged Ions. The conference covers the following topics on highly charged ions: Fundamental aspects, Structure and Spectroscopy; Collisions with Electrons, Ions, Atoms and Molecules; Interactions with Clusters, Surfaces and Solids; Interactions with Photons, Plasmas and Strong Field Processes; Production, Experimental developments and Applications.

To secure IUPAP sponsorship, the organizers have provided assurance that 20th International Conference on the Physics of Highly Charged Ions (HCI2020) will be conducted in accordance with IUPAP Policies on Conferences (<http://iupap.org/sponsored-conferences/conference-policies/>); including those of Free Circulation of Scientists, maximum IUPAP conference registration fee, as well as the IUPAP policy statement on harassment at conferences.

Homepage: <http://yebisu.ils.uec.ac.jp/hci2022/>

International advisory committee:

F. Aumayr (Austria), T. Azuma (Japan), P. Beiersdorfer (USA), M. Benis (Greece), A. Braeuning-Demian (Germany), J. Burgdorfer (Austria), A. Cassimi (France), J. R. Crespo Lopez-Urrutia (Germany), M. S. Gravielle (Argentina), R. Hoekstra (The Netherlands), J. Hozowska (Switzerland), R. Hutton (China), C. Illescas (Spain), X. Ma (China), N. Nakamura (Japan), M. Pajek (Poland), R. Rivarola (Argentina), M. Safronova (USA), J. P. Santos (Portugal), R. Schuch (Sweden), V. Shabaev (Russia), E. Sokell (Ireland), T. Stoehlker (Germany), J. Tanis (USA), K. Tokesi (Hungary), M. Trassinelli (France), L. Tribedi (India), K. Yao (China), H. Zettergren (Sweden)

Venue: Kunibiki Messe (Matsue, Shimane)

<http://www.kunibikimesse.jp/14.html>

Conference Dates: August 29 – September 3, 2022

The conference will start on Monday, August 29 and finish on Saturday, September 3. The conference outing and dinner are scheduled in the afternoon of Thursday, September 1. Welcome reception is planned to be held in the evening of Sunday, August 28.

Conference Style:

The conference is planned to be held in person on site although the hybrid style is also in consideration in case the pandemic situation prevents many delegates from participating on site. The final decision will be announced later.

Important Dates:

Abstract submission deadline: April 15, 2022

Early bird registration deadline: June 1, 2022

Final registration deadline: August 12, 2022

Hotel reservation deadline: August 18, 2022

Manuscript submission deadline: October 1, 2022

Travel:

Matsue-city is located in southwest Japan and accessible from the two domestic airports (Izumo and Yonago). From the airports, limousine buses are available to reach the Matsue station (about 45 min.). Kunibiki Messe and accommodations are located within a walking distance (5-10 min.) from the Matsue station. Please visit the HCI2022 homepage for details.

Accommodation:

A block reservation of rooms has been made in several major hotels near the Matsue station at a special rate for participants. Reservation can be made from the HCI2022 homepage.

Program:

The program will consist of Review Lectures, Progress Reports, Selected Topics, and Poster sessions.

Proceedings:

The HCI2022 proceedings will be published as a special issue of the open access journal *Atoms*.

https://www.mdpi.com/journal/atoms/special_issues/HCI2020_PhysicHighlyChargedIons

Registration fee:

Regular: 50,000 JPY (after June 1st: 60,000 JPY)

Student: 25,000 JPY (after June 1st: 30,000 JPY)

Accompanying person: 10,000 JPY (after June 1st: 15,000 JPY)

Fee for online participants (in case of hybrid style): TBD

The regular and student fees include reception, abstract book, coffee, excursion, and banquet. The accompanying person fee includes reception, coffee, excursion, and banquet.

There will be limited funds available to support students who will present a talk or poster. Details will be announced later.

Local organizing committee:

Hajime Tanuma (Chair, TMU), Nobuyuki Nakamura (Co-Chair, UEC)

Toshiyuki Azuma (RIKEN), Natsuko Fujita (JAEA), Takato Hirayama (Rikkyo), Daiji Kato (NIFS), Naoki Kimura (RIKEN), Takuya Majima (Kyoto), Izumi Murakami (NIFS), Yuji Nakano (Rikkyo), Hiroyuki A. Sakaue (NIFS), Tomoko Ohyama-Yamaguchi (TMCIT)

Sponsors:

Matsue-city / Shimane-prefecture

IUPAP

Grant-in-Aid for Scientific Research on Innovative Area, MEXT

Toward new frontiers: Encounter and synergy of state-of-the-art astronomical detectors and exotic quantum beams

Satellite SPARC workshop:

The Stored Particles Atomic Physics Research Collaboration (SPARC) Workshop, focused on the atomic physics research program at the FAIR facility in GSI, will be held in the same venue of HCI 2022, Kunibiki Messe, Matsue, Japan in September 4-6 2022.

Contact:

Local Organizing Committee: hci2022@tmu.ac.jp

JTB HCI2022 desk (registration and accommodation): k_tsurukame017@jtb.com