

September 11-16 | 2016

HCI

Kielce, Poland



First announcement of HCI-2016

18th International Conference on the Physics
of Highly Charged Ions

Kielce, Poland , 11-16 September 2016

Conference Website: <http://www.ujk.edu.pl/hci2016>

Dear colleagues,

We cordially invite you to the 18th International Conference on the Physics of Highly Charged Ions to be held from 11 to 16 September 2016 in Kielce, Poland. The HCI-2016 will be organized by the Institute of Physics of the Jan Kochanowski University (UJK). HCI-2016 follows a series of biennial HCI conferences, with last three meetings held in San Carlos de Bariloche (Argentina, 2014), Heidelberg (Germany, 2012) and Shanghai (China, 2010). Kielce is located in Central Poland in the heart of the Holy Cross Mountains, just between Warsaw and Cracow, the present and former Polish capitals. The HCI-2016 conference will take place at the building of the Faculty of Mathematics and Natural Sciences of the Jan Kochanowski University.

Conference program

The conference will cover the following topics related to the physics of highly charged ions:

- *Fundamental aspects, structure and spectroscopy*
- *Collisions with electrons, ions, atoms and molecules*
- *Interaction with clusters, surfaces and solids*
- *Interaction with photons and plasmas*
- *Strong field and ultrafast processes*
- *Production, experimental developments and applications*

The program of the conference will consist of Review Lectures, Progress Reports, Selected Topics, Local Report and Public Lecture and two Poster Sessions. In order to increase attendance there will be no parallel sessions.

Important dates

Abstract submission opening: 15 February 2016

Abstract submission deadline: 15 April 2016

Abstract acceptance: 1 May 2016

Registration opening: 1 March 2016

Early registration deadline: 1 June 2016

Registration deadline: 15 August 2016

Hotel reservation deadline: 15 August 2016

Accommodation

A block reservation of rooms in the Hotel Kongresowy^{***}, Best Western Hotel^{****} and DAL Hotel^{***} was made for the participants of the conference. These hotels will offer a reduced prices (30-50 € / night, including breakfast) for delegates of HCI-2016. Other options for accommodation in Kielce can be arranged individually by participants (see conference website).

Conference fee (early/ late)

Regular: 350 € / 400 €

Student: 200 € / 250 €

Accompanying person: 50 € / 75 €

Social events

A Welcome Reception, Conference Dinner and a half-day outing to visit the most attractive spots in the Holy Cross Mountains are planned during the HCI-2016 conference.

Travel Information

The closest international airports to Kielce is Cracow (120 km South) and Warsaw (180 km North), both well connected with most European cities. From these airports Kielce can be reached by train or bus service. It is planned to arrange conference bus transportation from Cracow/Warsaw to Kielce, depending on demands. The organizers suggest the participants to fly to Cracow, where the SPARC Workshop will be held just after the HCI-2016. For those not participating in this workshop, Cracow is very attractive historically as a option to spend a weekend before leaving Poland.

Satellite SPARC workshop

The Stored Particles Atomic Physics Research Collaboration (SPARC) Workshop, focused on the atomic physics research program at the FAIR facility, will be organized in Cracow in 16-20 September 2016 by Prof. A. Warczak from the Jagiellonian University. The organized bus transportation from Kielce to Cracow will be provided on Friday, September 16, 2016, in order to allow the HCI-2016 delegates to attend the SPARC Workshop.

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Support for young researchers

A limited financial support will be provided for young researchers (students, PhD students and young postdocs) in a form of reduced conference fee for those who will present a talk or poster and send a request with supporting letter from the supervisor.

Proceedings

The proceedings of the HCI-2016 are planned to be published in one of the international JCR-indexed journal, such as *Physica Scripta* or *Nuclear Instruments and Methods in Physics Research B*.

The organizers have provided assurance that the 18th International Conference on the Physics of Highly Charged Ions (HCI 2016) will be conducted in accordance with IUPAP principles as stated in the ICSU-Document "Universality of Science" (sixth edition, 1989) regarding the free circulation of scientists for international purposes. In particular, no bona fide scientist will be excluded from participation on the grounds of national origin, nationality, or political considerations unrelated to science.