

Final 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,

This is the Final Announcement inviting 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) and the venue of the HCI-2016 conference is the Faculty of Mathematics and Natural Sciences of the Jan Kochanowski University. 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.

In Final Announcement the main topics concerning organization of HCI-2016 are shortly presented, more details can be found in the conference web page:

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

Conference program

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

- *T1: Fundamental aspects, structure and spectroscopy*
- *T2: Collisions with electrons, ions, atoms and molecules*
- *T3: Interaction with clusters, surfaces and solids*
- *T4: Interaction with photons and plasmas*
- *T5: Strong field and ultrafast processes*
- *T6: 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 A and B organized on Tuesday and Thursday, respectively. In order to increase attendance there will be no parallel sessions. The Public Lecture *Tracking ancient life in the Holy Cross Mountains* will be given on Wednesday evening by Dr Gerard Gierliński from the National Institute of Geology who will speak on, in particular, on the first tetrapods on Earth discovered near Kielce. The program of the conference and the Book of Abstracts are presently available on the conference web page.

Proceedings

The HCI-2016 conference proceedings will be published as a special issue of the journal [Nuclear Instruments and Methods B: Beam Interactions with Materials and Atoms](#). All participants who paid the standard registration fee will receive a printed copy of the HCI-2016 Proceedings.

All manuscripts submitted to the HCI-2016 proceedings will be subject to the same high standard papers refereeing as that of regular papers submitted to NIMB.

Submission deadline: October 31, 2016

A detailed instruction for the authors: [NIMB-proceedings-HCI-2016 AUTHOR'S GUIDE EES web page.pdf](#).

Types of contributions

Invited papers (review lectures and progress reports)

Contributed papers (selected topics and posters)

Format of manuscripts

The manuscripts will be published in English. The manuscripts should be submitted in double-spaced typing (not 1-1/2 spaced typing), 12 point Times font, on consecutively numbered pages of uniform standard size such as A4 or US Letter, with 3.0 cm margin on the left and 2.0 cm margins on top, bottom and right. Lines should not be numbered. *Do not use templates or style sheets imitating final journal styles.*

Submission of contributions

Authors will submit their papers using the Elsevier Editorial System (EES):

http://ees.elsevier.com/nimb_proceedings/default.asp. **The date of starting of the Elsevier Editorial System (EES) will be announced during conference.**

After accessing EES follow the link '**submit paper**'. If you are a registered user enter your username and password, otherwise follow the link 'Register Now' and fill in the registration form. After you have registered, follow '**Submit New Manuscript**'.

When asked for the 'Article Type', please be sure to select '**Special Issue – HCI-2016 Conference**'.

In submitting a manuscript for publication in the Special Issue, the author states : (i) the manuscript has not been published previously, (ii) it is not being simultaneously considered for publication elsewhere and, (iii) the authors have obtained the necessary authority for publication.

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.

The conference bus transportation from Cracow/Warsaw to Kielce (to the hotels) was arranged.

The bus schedule:

WARSAW airport (meeting point: arrivals hall, look for person with HCI-2016 sign)

15.00 – this bus will stop at Jan Kochanowski University (where you can stay for welcome reception)

18.00 – may leave the airport with a small delay (in a case of a flight delay)

21.00 – the last bus (it will eventually wait for delayed flights)

CRACOW airport (meeting point: passenger terminal, look for person with HCI-2016 sign)

15.00 – this bus will stop at Jan Kochanowski University (where you can stay for welcome reception)

18.00 – may leave the airport with a small delay (in a case of a flight delay)

21.00 – the last bus (it will eventually wait for delayed flights)

In a case of any problems please call: +48 668 418 488 (Darek Banas – co-chair).

Alternatively you can travel from Cracow/Warsaw to Kielce by railway. In this case one has to reach Cracow Central Station (Kraków Główny) or Warsaw Central Station (Warszawa Centralna). Please check the HCI-2016 web page for details: <http://www.ujk.edu.pl/hci2016>

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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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.