



2nd Announcement

International Conference on High Energy Density Physics, Beijing

Peking University, Beijing, China
October 18-21, 2012

CALL FOR ABSTRACTS NOW!

You are cordially invited to submit an abstract
to ichedp2012@gmail.com or ichedp2012@coe.pku.edu.cn,
more information at: <http://capt.pku.edu.cn/ichedp.html>

Themes

The International Conference on High Energy Density Physics, organized by the Center for Applied Physics and Technology (CAPT) of Peking University and the Key Laboratory of High Energy Density Physics Simulation (Peking University), Ministry of Education, is to be held in Beijing, China from October 18 to October 21, 2012. The conference aims at providing a forum for researchers who work on theories, simulations and experiments of high energy density physics (HEDP) to share their progresses, insights, and visions, and also for young scientists who are interested in this field. The main topics of the conference include, but are not limited to:

- High Mach number compressible turbulence and hydrodynamic instabilities;
- Radiation hydrodynamics;
- Matter properties, especially of warm dense matters, under high energy density conditions;
- Energetic particle acceleration and atomic dynamics in high/intense field;
- Numerical methods for HEDP simulations.

Important Dates

May 15, 2012 ----- Deadline for Abstract Submission of Oral Presentation
June 15, 2012 ----- Notification for Acceptance of Oral Presentation
June 30, 2012 ----- Last Day for Early Registration
Aug. 31, 2012 ----- Deadline for Abstract Submission of Poster Presentation &
Last Day for Regular Registration
October 18-21, 2012 Conference

Invited Speakers (Confirmed)

Dario Alfè (University College London, UK)
Shiyi Chen (Peking University, China)
Thomas Cowan (Helmholtz-Zentrum Dresden-Rossendorf , Germany)
R. Paul Drake (University of Michigan, US)
William Goldstein (Lawrence Livermore National Laboratory, US)
Xian-Tu He (PKU & Institute of Applied Physics and Computational Mathematics, China)
Dieter H. H. Hoffmann (Technische Universität Darmstadt, Germany)
Javier Honrubia (Universidad Politécnica de Madrid, Spain)
Chandrasekhar Joshi (University of California, Los Angeles, US)
Christoph H. Keitel (Max-Planck-Institut für Kernphysik, Germany)
Thomas Kühl (GSI Helmholtzzentrum für Schwerionenforschung GmbH, Germany)
Chikang Li (Massachusetts Institute of Technology, US)
Wei Lu (Tsinghua University, China)
Andrea Macchi (CNR/INO & Università di Pisa, Italy)
Jürgen Meyer-ter-Vehn (Max-Planck-Institut für Quantenoptik, Germany)
Kunioki Mima (Osaka University, Japan)
Kazuhisa Nakajima (High Energy Accelerator Research Organization (KEK), Japan)
Bin Qiao (University of California, San Diego, US)
Rafael Ramis (Universidad Politécnica de Madrid, Spain)
Zhengming Sheng (Shanghai Jiao Tong University, China)
Xueqing Yan (Peking University, China)
Ming-Young Yu (Zhejiang University, China)
Jie Zhang (Shanghai Jiao Tong University, China)
Jiayong Zhong (National Astronomical Observatories, Chinese Academy of Sciences, China)



Call For Abstracts

Conference attendees who would like to make an oral presentation are cordially welcome to submit an abstract via email to ichedp2012@gmail.com or ichedp2012@coe.pku.edu.cn before **May 15**. An acceptance decision will be made no later than **June 15**. Abstracts not accepted for oral presentations may still be presented in the poster session.

Abstracts of poster presentations should be submitted no later than **August 31**. All abstracts will be printed in the abstract book of the conference and handed out to attendees upon signing in.

Abstracts should be prepared so that it can be printed on one page of an A4 size paper and should match the style of the formatted sample PDF abstract available at the conference website: <http://capt.pku.edu.cn/ichedp/abstract.html>

Registration and Payment

Registration

Please download the registration form from the conference website: <http://capt.pku.edu.cn/ichedp/registration.html> and email it back to ichedp2012@coe.pku.edu or ichedp2012@gmail.com with required information filled in. The title of the registration email should be "Registration to ICHEDP Beijing 2012."

Onsite Registration is possible but will be limited by the capacity of conference facilities.

Early registration fee is **USD 500** and regular registration fee is **USD 600**. The registration fee covers: 1) All conference sessions; 2) Program booklet, abstract book, and a conference bag ; 3) Welcome reception; 4) Lunches; 5) Coffee breaks; 6) Excursion; and 7) Conference banquet.

Student registration fee is **USD 200**, which does not cover the excursion. Student's ID should be displayed upon signing in.

Payments

Registration fee should be paid online at <http://capt.pku.edu.cn/ichedp/registration.html> and follow the instructions in the payment section. **Please include the order ID of your transaction in your registration form.** The order ID will be sent to you via email after your transaction. In case this payment method does not function correctly in your area, please contact Ms. Lixin Zhou directly through zhoulixin@pku.edu.cn for assistance, and use "ICHEDP 2012 Beijing Payment Help" as the subject of your email.



Onsite payment can only be made with cash or travelers check. Credit Card will **NOT** be accepted.

Please note that unless otherwise notified, registration and hotel reservation will be pended until the registration fee is received.

Accommodations

Attendees can reserve hotel rooms at special conference rates by completing the hotel reservation section of the registration form. Payments should be made directly to the hotels. For information of rooms and other social activities please refer to our website: <http://capt.pku.edu.cn/ichedp.html>.

Visa Application

A valid visa is **REQUIRED** for non-residents of China to attend the conference. Attendees can apply for either a tourist visa (L) or a business/visitor visa (F) for entry. An official support letter from the conference organizer is required for the issue of a business/visitor visa. Those who need to apply for a business/visitor visa should complete the first part of the registration form, with information of accompanying persons if any. Official support letter will be issued no later than **July 15**.

Please contact Chinese embassy/ Consulate/ Visa Office nearby for visa application at least 2 months prior to your travelling.

Contact

Ms. Lixin Zhou and Ms. Shasha Meng

Tel: 86-10-62753944

Email: ichedp2012@gmail.com or ichedp2012@coe.pku.edu.cn

For more information please refer to the website <http://capt.pku.edu.cn/ichedp.html>

Conference Chair

Prof. Xian-Tu He (Peking University, China)

Conference Co-Chairs

Prof. Shiyi Chen (Peking University, China)

Prof. Jie Zhang (Shanghai Jiao Tong University, China)

Prof. Weiyan Zhang (China Academy of Engineering Physics, China)

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Key Laboratory of High Energy Density Physics Simulation (Peking University), Ministry of Education (HEDPS)

Local Organizing Committee

Shaoqiang Tang, Huiling Duan, Wei Kang, Jianming Xue, Xueqing Yan, and Zuoli Xiao (Peking University, China)

Jun Yan, Jie Liu, and Ping Zhang (Institute of Applied Physics and Computational Mathematics, China)