

ICHEDP

2014



2nd Announcement

The 2nd International Conference on High Energy Density Physics, Beijing

Peking University, Beijing, China

September 21-24, 2014

REGISTRATION and HOTEL RESERVATION is NOW "OPEN"

ABSTRACT SUBMISSION DEADLINE: JUNE 15

Contact Email: ichedp2014@gmail.com

Online Abstract Submission Website: <http://capt.pku.edu.cn/ichedp2014.html>

Themes

The 2nd International Conference on High Energy Density Physics (ICHEDP), Beijing, organized by the Center for Applied Physics and Technology (CAPT) at Peking University, is to be held in Beijing, China from Sept. 21 to Sept. 24, 2014. The conference aims to present a powerful platform to share and discuss the most exciting research progresses in the field of High-Energy Density Physics (HEDP), for applications ranging from inertial fusion energy to laboratory Astrophysics. The main topics of the conference include, but are not limited to:

- Inertial Confinement Fusion Physics and Radiation Hydrodynamics;*
- Matter Properties under HEDP conditions, especially for Warm Dense Matters;*
- Particle Acceleration, Relativistic Laser Plasma and Atomic Dynamics in Strong Laser Field;*
- Laboratory Astrophysics;*
- High Mach Number Compressible Turbulence and Hydrodynamic Instabilities;*
- Numerical Simulation Methods for HEDP.*

Important Dates

June 15, 2014 ----- Deadline for Abstract Submission

June 30, 2014 ----- Acceptance Notifications

July 5, 2014 ----- Deadline for Abstract Submission of Poster Presentation
& Last Day for Regular Registration
& Deadline for Hotel Booking

August 15, 2014 ----- Deadline for Registration

September 21-24, 2014 ----- Conference takes place

Conference Chairs

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

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)

International Advisory Committee

Farhat Beg (University of California San Diego, US)

Thomas Cowan (GSI Helmholtzzentrum für Schwerionenforschung GmbH, Germany)

Shiyi Chen (Peking University, China)

Jiaer Chen (Peking University, China)

R. Paul Drake (University of Michigan, US)

Juan C. Fernandez (Los Alamos National Laboratory, US)

Xian-Tu He (Peking University, China)

Christoph H. Keitel (Max-Planck-Institut für Kernphysik, Germany)

Dieter H. H. Hoffmann (Technical University Darmstadt, Germany)

Chikang Li (Massachusetts Institute of Technology, US)

Kunioki Mima (Osaka University, Japan)

Peter A. Norreys (University of Oxford & Rutherford Appleton Laboratory, UK)

Hideaki Takabe (Osaka University, Japan)

Toshiki Tajima (University of Munich, Germany)

Jie Zhang (Shanghai Jiao Tong University, China)

Weiyan Zhang (China Academy of Engineering Physics, China)

Plenary Speakers (more speakers will join us!)

Farhat Beg (University of California, San Diego, US)

Thomas Cowan (GSI Helmholtzzentrum für Schwerionenforschung GmbH, Germany)

Shiyi Chen (Peking University, China)

R. Paul Drake (University of Michigan, US)

Xian-Tu He (Peking University, China)

Chandrasekhar Joshi (University of California, Los Angeles, US)

Chikang Li (Massachusetts Institute of Technology, US)

Dieter H. H. Hoffmann (Technical University Darmstadt, Germany)

Peter A. Norreys (University of Oxford, Rutherford Appleton Laboratory, UK)

Kunioki Mima (Osaka University, Japan)

Hideaki Takabe (Osaka University, Japan)

Juan C. Fernandez (Los Alamos National Laboratory, US)

Jie Zhang (Shanghai Jiao Tong University, China)

Victor Malka (Ecole Polytechnique, France)

C. S. Liu (University of Maryland, US)

John Perkins (Lawrence Livermore National Laboratory, US)

Invited Speakers (More speakers will join us!)

M. S. Wei (General Atomics, US)

Alex Robinson (RAL)

Macro Borghesi (QUB)

Michel Koenig (Ecole Polytechnique, France)

Liming Chen (Institute of Physics, Chinese Academy of Sciences, China)

Yuqiu Gu (Research Center of Laser Fusion CAEP, China)

Ke Lan (Institute of Applied Physics and Computational Mathematics, China)

Jie Liu (Institute of Applied Physics and Computational Mathematics, China)

Yutong Li (Institute of Physics Chinese Academy of Science, China)

Baifei Shen (Shanghai Institute of Optics and Fine Mechanics, China)

Ping Zhang (Institute of Applied Physics and Computational Mathematics, China)

Javier Honrubia (Universidad Politécnica de Madrid, Spain)

Wei Lu (Tsinghua University, China)

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)

Luis O Silva (Universidade de Lisboa, Portugal)

Call for Abstract

Abstract submission deadline is June 15, 2014. Please submit your abstract through the conference online webpage <http://capt.pku.edu.cn/ichedp2014.html>.

Registration, Payments and Hotel

Register online: <http://capt.pku.edu.cn/ichedp2014.html>. You may get a confirm email if your registration is successful.

Registration fee: Early registration fee is RMB 3000* and regular registration fee is RMB 3600* Student registration fee is RMB 1000. The registration fee covers: 1) All conference sessions; 2) Welcome reception, coffee breaks, lunches, dinners and Conference banquet.

Payment online: After registration, please pay online, Master Card or Visa card will be OK, Chinese attendees are welcomed to use Chinese mainland debit card with opening online bank.

Hotel booking online: You may book the hotel during your registration at special conference rates. For information of rooms and other social activities please refer to our website.

Attention: The hotel room only reserved after the payment of the registration fee.

Visa information

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 provide necessary information (including name, date of birth, gender, passport number and the country which issued the visa) during registration, with information of accompanying persons if any.

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

Hosts

Center for Applied Physics and Technology (CAPT) of Peking University
Key Lab of High Energy Density Physics Simulations, Ministry of Education

Local Organizing Committee

Shaoqiang Tang, Wei Kang, Bin Qiao, Huiling Duan, Qian Wang, Jianming Xue, Xueqing Yan, Ruo Li, and Zuoli Xiao, Jun Chen, Jie Liu, and Ping Zhang (CAPT, Peking University, China)

Contact Information

Ms. Lixin Zhou, Shiya Zhao

Tel: +86-10-62753944

Email: zhoulixin@pku.edu.cn OR ichedp2014@gmail.com

Website: <http://capt.pku.edu.cn/ichedp2014.html>