



ICHDOP



1st Announcement

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



Peking University, Beijing, China
September 21-24, 2014

CALL FOR PAPERS NOW!

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), organized by the Center for Applied Physics and Technology (CAPT) of Peking University and the Key Laboratory of High Energy Density Physics Simulation, Ministry of Education, 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 Physics and Atomic Dynamics in Strong Laser Field;*
- Laboratory Astrophysics;*
- High Mach Number Compressible Turbulence and Hydrodynamic Instabilities;*
- Numerical Simulation Methods for HEDP.*

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)

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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)

Important Dates

April 15, 2014	-----	First Announcement
May 15, 2014	-----	Second Announcement
June 15, 2014	-----	Deadline for Abstract Submission
June 30, 2014	-----	Acceptance Notifications
July 5, 2014	-----	Deadline for Early Registration
August 15, 2014	-----	Registration Deadline
Sep. 21-24, 2014	-----	Conference takes place

Hosts:

Center for Applied Physics and Technology (CAPT) of Peking University

Key Lab of High Energy Density Physics Simulations, Ministry of Education

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)
Jiaer Chen (Peking University, China)
Juan C. Fernandez (Los Alamos National Laboratory, US)
Jie Zhang (Shanghai Jiao Tong University, China)
Weiyan Zhang (China Academy of Engineering Physics, China)

Invited Speakers (*More speakers will join us!*)

M. S. Wei (General Atomics, US)
C. S. Liu (University of Maryland, US)
John Perkins (Lawrence Livermore National Laboratory, US)
Alex Robinson (Rutherford Appleton Laboratory, UK)
Macro Borghesi (Queen's University Belfast, UK)
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)
Zhengming Sheng (Shanghai Jiao Tong University, China)
Xueqing Yan (Peking University, China)
Ming-Young Yu (Zhejiang University, China)
Wei Lu (Tsinghua University, China)

Javier Honrubia (Universidad Politécnica de Madrid, Spain)

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 and Payments

Early registration fee is RMB 3000* and regular registration fee is RMB 3600* Student registration fee is RMB 1000,* A valid student's ID should be displayed upon signing in. (*Note: exchange rate for RMB:USD is about 6:1)

The registration fee covers: 1) All conference sessions; 2) Welcome reception, coffee breaks, lunches, dinners and Conference banquet.

Payment information will be out soon in the 2nd announcement.

Hotel information

Information on hotel options will be provided soon in the 2nd announcement.

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 **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.

Local Organizing Committee

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

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