

The 4th Asian Conference on High Pressure Research

Seoul National University
Seoul, Korea
2008 Oct 14 (Tues)-17 (Friday)



Organized by

School of Earth and Environmental Science, Seoul National University

Extreme Quantum Materials Lab. So Gang University

National Research Laboratory, Physics of Amorphous Oxides at High Pressure, Seoul National University

National Research Laboratory, Extreme Multifunctional Physics, Seoul National University

Asia-Pacific Center for Theoretical Physics (APCTP)

The 4th Asian Conference on High Pressure Research will be held at Seoul National University, Seoul, Korea from October 14-17, 2008.

The 2nd Circular, Jun 25, 2008

Registration & Abstract Submission:

1) **On-line registration** is available through following website:

<http://apctp.org/conferences/registrations/ahp4.php>

2) Registration Rates:

Academic professionals: \$340 (The advance registration deadline is August/10/2008, late or on-site registration rate is \$390)

Students: \$220 (The advance registration deadline is August/10/2008, late or on-site registration rate is \$270)

Bank transfer to,

- Name: The Asia Pacific Center for Theoretical Physics
- Account No. : 494-061622-13-003
- Bank : Woori Bank (POSTECH Branch)
- Address : Woori Bank (POSTECH Branch), Student Union Bldg.,
POSTECH, San 31, Hyoja-dong, Namgu, Pohang,
Gyeongbuk 790-784, Korea
- SWIFT code: HVBKKRSE

Registration Fee includes,

- Lunch and dinner during the conference
- Conference Banquet
- Half-day excursion to the Royal palace and National Museum of Korea.

3) Abstract submission:

Please send a one-page abstract as email attachments in MS Word format to sungklee@snu.ac.kr.
[Abstract template](http://plaza.snu.ac.kr/~sungklee/abstract_ahp4.doc) can be downloaded from http://plaza.snu.ac.kr/~sungklee/abstract_ahp4.doc.

4) Visa:

If you need an individual invitation letter to obtain a visa, please contact Prof. Lee at sungklee@snu.ac.kr with the document to prove your affiliation (e.g. Certificate of Employment) or registration number.

5) Deadlines:

Abstract Submission: July 30, 2008

Early Registration: August 10, 2008

6) Lodging:

Ho-Am Faculty House, Seoul National University

Website: <http://www.hoam.ac.kr/>

How to get Ho-Am Faculty House from Incheon International Airport

http://www.hoam.ac.kr/english/hoam_location.html

Please check registration website or Faculty House website for the types of available rooms and the rates.

<http://apctp.org/conferences/registrations/ahp4.php>

Symposia & Programs:

The 4th Asian Conference on High Pressure Research features a series of invited talks and contributions with a focus on a wide range of theoretical and experimental aspects of high pressure research, but not limited to the following topics:

- Structure of Crystalline and Non-crystalline Materials at High Pressure
- Geophysical and Planetary Aspects of Pressure Effect
- Semiconductors and Low Dimensional Systems
- High Pressure Techniques
- Physical Properties of Materials/ Synthesis of Novel Materials
- Geophysical and Planetary Aspects of Pressure Effect
- Effect of Pressure on Microbial Activities
- Shock Compression/ Shock Waves/ Shock Synthesis
- Energetic Materials
- Hypervelocity Impact Phenomenon
- Equation of State
- Laser and Matter Interactions

Invited speakers:

By May 2008, Partial list of invited speakers includes,

Dr. Katsutoshi Aoki, Spring 8, Japan

Prof. Tian Cui, State Key Lab of Superhard Materials, Jilin University, China

Dr. Hyun Chae Cynn, Lawrence Livermore National Laboratory, USA
Dr. Eugene Gregoryanz, University of Edinburgh
Prof. Changqing Jin, Chinese Academy of Sciences, China
Prof. Won Kang, Ewha Womans University, Korea
Prof. Sung-Ik Lee, Dept. of Physics, So Gang University, Korea
Prof. Hai-Qing Lin, Department of Physics and Institute of Theoretical Physics, Chinese University of Hong Kong
Dr. Jung.Fu Lin, University of Texas-Austin, USA
Prof. Bingbing Liu, State Key Lab of Superhard Materials, Jilin University
Dr. Ho-Kwang Mao, Carnegie Institution of Washington, USA
Prof. Sang-Heon Shim, MIT, USA
Dr. Katsuya Shimizu, Osaka University, Japan
Prof. Xianyu Xue, Misasa, Okayama University, Japan
Dr. Choong-Sik Yoo, Washington State University, USA
Dr. Takehiko Yagi, Institute for Solid State Physics, University of Tokyo, Japan

Meeting Location:

International Conference Room, 25-1
Seoul National University
Seoul Korea, 151-742
<http://www.snu.ac.kr/>

Scientific committee:

Chair: Prof. Sung-Ik Lee, Dept. of Physics, So Gang University
Dept. of Physics
Seoul, Korea
Phone: 822-705-8827
Email: silee77@sogang.ac.kr

Secretary General:

Prof. Kee Hoon Kim, Dept. Physics and Astronomy, Seoul National University
Seoul, Korea, 151-742
Phone: 822-880-9028
Email: khkim@phy.snu.ac.kr

Prof. Sung Keun Lee,
School of Earth & Environmental Sci. Seoul National University
Seoul, Korea, 151-742
Phone: 822-880-6729
Fax: 822-871-3269
Email: sungkle@snu.ac.kr

Committee

Prof. Haemyung Jung, School of Earth & Environmental Sci. Seoul National University
Prof. Won Kang, Ewha Womans University
Prof. Young Ho Kim, Dept. Geological & Environ. Sci. Gyungsang National University
Dr. Geun Woo Lee, Korean Research Institute of Standards and Science
Prof. Yong Jae Lee, Dept. Earth System Sciences, Yonsei University

Advisory Boards

Dr. Katsutoshi Aoki, Spring 8

Prof. Tian Cui, National Lab of Superhard Materials,

Dr. Hyun Chae Cynn, Lawrence Livermore National Laboratory

Prof. Sung-Ik Lee, Dept. of Physics, POSTECH

Dr. Jung.Fu Lin, Lawrence Livermore National Laboratory

Dr. Ho-Kwang Mao, Carnegie Institution of Washington

Prof. Sang-Heon Shim, MIT

Dr. Katsuya Shimizu, Osaka University

Dr. Choong-Sik Yoo, Washington State University

Dr. Takehiko Yagi, Institute for Solid State Physics, University of Tokyo

Contact Information:

Prof. Sung Keun Lee

School of Earth and Environmental Sciences

Seoul National School of Earth Environmental Sciences

Seoul Korea, 151-742

sungklee@snu.ac.kr

Fax: 822-871-3269

Phone:822-6\880-6729

<http://plaza.snu.ac.kr/~sungklee>