

Registration Information

Regular participants: ¥50,000 yen
Student: □ 20,000 yen

Further information for registration and payment will be announced in the symposium website.

Call for Papers

The oral sessions at this symposium will only consist of invited review talks, and the contributed papers will be presented at the poster session. Each registered participant may only submit one contributed paper. The invited speakers can submit one contributed paper in addition to the invited paper. The official language at the symposium will be English.

A 200-word abstract should be submitted via e-mail to the symposium office (is3-2007@imr.tohoku.ac.jp) for the presentation. A notification of acceptance will be sent after the abstract is reviewed by the organizing committee. An author who is accepted for the presentation should submit a 4-page manuscript for the proceeding book again via e-mail to the same address. All the papers will undergo a peerreview by the reviewing committee. The proceeding book of the symposium will be published from ISIJ and sent to the participants after the symposium.

Formats for the abstract and paper can be downloaded from the symposium website.
(<http://www.steelscience.org/>)



Hotel Accommodation

The seminar house provides about 20 western-style guest rooms (twins or triples) and three Japanese-style rooms for 5 to 8 persons. The western-style rooms can be provided for single use. All guest rooms and conference rooms in the main building are equipped with an unwired internet connection. There is also a free Internet space with one PC. Accommodation fee will be around 8,000 yen per night.

Other hotels near the seminar house (within a distance of about 10-15mins by taxi) are as follows.

1. Kyoto Takaragaike Prince Hotel
Address: Takaragaike, Sakyo-ku, Kyoto 606-8505, Japan
Phone: +81-75-712-1111, Fax: +81-75-712-7677,
website:
<http://www.princehotelsjapan.com/kyototakaragaikeprincehotel/>
(Accommodation fee: around 20,000-30,000 yen per night)
2. Apical Inn Kyoto
Address: Matsugasaki-Nishidume, Sakyo-ku, Kyoto 606-0967, Japan
Phone: +81-75-722-7711, Fax: +81-75-722-2185
E-mail: front@apical-inn-kyoto.com
website: <http://www.apical-inn-kyoto.com/>
(Accommodation fee: around 7,000-10,000 yen per night)

Further information for hotel accommodation will be announced in the symposium website.

Contact Information

Tadashi Furuwara, Prof.
Chairman of IS³-2007

Institute for Materials Research, Tohoku University
2-1-1 Katahira, Aoba-ku, Sendai 980-8577, Japan
Tel: +81-22-215-2045, Fax: +81-22-215-2046
e-mail: is3-2007@imr.tohoku.ac.jp

www.steelscience.org



Noh Stage "Hohkyo-den"

First Circular

Fundamentals of Martensite and Bainite
toward Future Steels with High Performance
- Challenges for Strength, Toughness, and Ductility-

May 16(wed) - 19(sat), 2007
Kansai Seminar House, Kyoto, Japan

The 1st International Symposium on Steel Science 2007 (IS³ - 2007)

<http://www.steelscience.org>

The IRON AND STEEL INSTITUTE OF JAPAN 

Scope & Topic

Many international conferences on microstructure and property control in steels that were initiated in Japan, such as THERMEC, ISGUS, ICASS, have focused on the active research and development topics of each decade. We feel that it is important to continue these efforts to promote further advancements in the science and engineering of steels.

The Iron and Steel Institute of Japan is now offering a series on the international symposium in steel science (IS³). One of the main purposes of this symposium series is to present and discuss the frontier research in the materials science of steels and its related technologies. The attendees with common professional interests will have the opportunity to participate in intense discussions and to examine the most advanced aspects of the topic. Another goal is to educate young steel researchers and engineers for the next generation. We believe that this symposium will provide a valuable means of spreading information and ideas in a way that cannot be achieved through the communication, publications and presentations at large multi-session meetings.

The topic for the 1st IS³ symposium will cover martensite and bainite in steels. Those microstructures are the most fundamental and important in high-strength steels and have been used more extensively due to increasing demands for higher strengths in various application areas. One of the long remaining tasks in those steels is to improve the toughness/ductility that are strongly affected by the details of the martensite/bainite structures such as grain size, dislocations and precipitates. Recent advances of martensitic and bainitic steels will be reviewed from both the academic and practical aspects at the symposium for the purpose of developing new breakthrough technology for high-strength steels.

Important Dates - Tentative -

Abstract Submission Due: □ January 31, 2007
Acceptance Notification Due: □ February 15, 2007
Registration Due: □ March 15, 2007
Final program: □ April 1, 2007
Manuscript Submission Due: □ May 17, 2007
IS³-2007: □ May 16-19, 2007

Conference Venue

IS³-2007 will be held at the Kansai Seminar House in Kyoto, Japan. It is located at the foot of Mt. Hiei in a peaceful scenic natural setting. The Kansai Seminar House also has a stage for Japanese authentic play (Noh), a tea house and a Japanese style house surrounded by a Japanese Garden. Many gardens and temples are located within walking distances. You can enjoy a traditional Japanese atmosphere. For more details, contact the seminar house or visit their website.

Kansai Seminar House

23 Takenouchi-cho, Ichijojii, Sakyo-ku, Kyoto 606-8134
JAPAN
Phone: +81-75-711-2115, Fax: +81-75-701-5256
Website: <http://www.academy-kansai.com/english/>

Program Schedule (General plans for the symposium)

May 16 □ Afternoon □ --- □ Registration
□ (wed) □ Evening □ --- □ Welcome drink

May 17 □ Morning □ --- □ Registration
□ (thu) □ □ Opening Remark
□ □ □ Oral session (plenary and two talks)
□ □ Afternoon □ --- □ Oral session (four talks)
□ □ Evening □ --- □ Discussion session (two talks)

May 18 □ Morning □ --- □ Poster session with short oral presentations
□ (fri) □ □ tations
□ □ Afternoon □ --- □ Oral session (four talks)
□ □ Evening □ --- □ Dinner Party

May 19 □ Morning □ --- □ Oral session (two talks) & Closing Remark
□ (sat) □ □ mark
□ □ Departure



Plenary, Keynote & Invited Lecturers - Tentative list -

- Plenary
T. Maki (Kyoto University, Japan)
- Keynote
H.K.D.H. Bhadeshia (University of Cambridge, UK)
J. W. Morris Jr. (University of California, Berkeley, USA)
W. T. Reynolds Jr. (Virginia Polytechnic Institute and State University, USA)
S. Babu (Edison Welding Institute, USA)
S. Endo (JFE Steel Corporation, Japan)
T. Furuhashi (Tohoku University, Japan)
M. Igarashi (Sumitomo Metals Industries, Ltd., Japan)
Y. Isogawa (Daido Steel, Co., Ltd., Japan)
S. Morito (Shimane University, Japan)
H. Ohtsuka (National Institute for Materials Science, Japan)
M. Takahashi (Nippon Steel Corporation, Japan)
T. Ohmura (National Institute for Materials Science, Japan)
H. Yaguchi (Kobe Steel, Ltd., Japan)

Organizing Committee

- Chairperson
T. Furuhashi (Tohoku University)
K. Tsuzaki (National Institute for Materials Science)
- K. Ameyama (Ritsumeikan University)
S. Endo (JFE Steel Corporation)
M. Kato (Tokyo Institute of Technology)
T. Koseki (University of Tokyo)
K. Maruyama (Tohoku University)
H. Nakashima (Kyushu University)
H. Ohtsuka (National Institute for Materials Science)
Y. Okada (Sumitomo Metals Industries, Ltd.)
S. Takaki (Kyushu University)
M. Takahashi (Nippon Steel Corporation)
Y. Tomota (Ibaraki University)
N. Tsuji (Osaka University)
M. Umemoto (Toyohashi University of Technology)
H. Yaguchi (Kobe Steel, Ltd.)

Advisory Boards

- H. K. D. H. Bhadeshia (University of Cambridge, UK)
J. W. Morris Jr. (University of California, Berkeley, USA)
K. Ishida (Tohoku University, Japan)
T. Okita (JFE Steel Corporation, Japan)
T. Maki (Kyoto University, Japan)
T. Sakai (UEC, Japan)