



Asia Steel International Conference 2015

(Asia Steel 2015)

Second Circular

October 5 – 8, 2015
PACIFICO YOKOHAMA
Yokohama, Japan

Organized by

The Iron and Steel Institute of Japan

Co-organized by

The Chinese Society for Metals

The Korean Institute of Metals and Materials

The Indian Institute of Metals

<http://www.asiasteel2015.com>

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Important Dates

- Abstract Submission Deadline
Friday, January 30th 2015
- Manuscript (Full Paper) Submission Deadline
Tuesday, June 30th 2015
- Pre-registration Deadline (Early)
Friday, July 31st 2015
- Pre-registration Deadline (Regular)
Monday, September 7th 2015
- Conference (Distribution of Proceedings)
October 5-8, 2015

Invitation to Asia Steel 2015

Introduction

In the continuously developing Iron Age, annual crude steel production for Asia reached 1012.7 Mt in 2012, which exceeds 65% of world steel production. In order to establish sustainable society, Asian iron and steel community will surely play more important roles than ever. Meanwhile, we are still facing various issues which require improvement, such as productivity, quality of steel products, environmental impact, etc.

The 1st Asia Steel International Conference was held in China in 2000 for the purpose of exchanging information on issues related to the iron and steel production and processing, and thereafter it has been successfully held every three years alternately in India (2003), Japan (2006), Korea (2009) and China (2012). In continuation, Asia Steel 2015 will be held in Yokohama, Japan during October 5-8, 2015, also in celebration of 100th anniversary of Iron and Steel Institute of Japan established in 1915.

To celebrate ISIJ 100th anniversary with a large number of research presentations, ASIA steel is merged with the second ICAS (International Conference on Advanced Steel). The 1st ICAS was held in Guilin, China in 2010 as a merger of two international series conferences: “International Symposium on Ultrafine Grained Structures (ISUGS)” and “International Conference on Advanced Structural Steels (ICASS)” which were originated by ISIJ. The 2nd ICAS was to be held in Japan (2013), but postponed due to Fukushima Nuclear Accident.

We cordially invite you to participate in this upcoming major conference and look forward to meeting you in Yokohama.

Organizers / Committees

Organized by

The Iron and Steel Institute of Japan

Co-organized by

The Chinese Society for Metals

The Korean Institute of Metals and Materials

The Indian Institute of Metals

Organizing Committee Members (In alphabetical order)

Chairman

Kazuki MORITA (*The University of Tokyo*)

Vice-Chairman

Tadashi FURUHARA (*Tohoku University*)

Chief Organizers

Koji TAKATANI (*Nippon Steel & Sumitomo Metal Corporation*)

Akihide YOSHITAKE (*JFE Steel Corporation*)

Committee Members

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Hideki KAKIMOTO (*Kobe Steel, Ltd.*)

Yoshiaki KASHIWAYA (*Kyoto University*)

Nobusato KOJIMA (*Nippon Steel & Sumitomo Metal Corporation*)

Hiroyuki MATSUURA (*The University of Tokyo*)

Masaru MIYAKE (*JFE Steel Corporation*)

Yasuaki NAGATA (*Nippon Steel & Sumitomo Metal Corporation*)

Kenichiro NAITO (*Nippon Steel & Sumitomo Metal Corporation*)

Masayuki NISHIFUJI (*Nippon Steel & Sumitomo Metal Corporation*)

Taihei NOUCHI (*JFE Steel Corporation*)

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Isao ONO (*Tokyo Institute of Technology*)

Takashi ORIMOTO (*Nippon Steel & Sumitomo Metal Corporation*)

Hiroki OTA (*Kobe Steel, Ltd.*)

Shigeo SATO (*Ibaraki University*)

Akio SEGAWA (*Kanazawa Institute of Technology*)

Hiroyuki SHIBATA (*Tohoku University*)

Ikuhiro SUMI (*JFE Steel Corporation*)

Yoshihiro TERADA (*Tokyo Institute of Technology*)

Toshihiro TSUCHIYAMA (*Kyushu University*)

Kaneaki TSUZAKI (*Kyushu University*)

Shigeki UEDA (*Daido Steel Co., Ltd.*)

Shigeru UEDA (*Tohoku University*)

Shinya WAKIMOTO (*The Iron and Steel Institute of Japan*)

Akira YANAGIDA (*Tokyo Denki University*)

International Advisory Board

Chenguang BAI (*Chongqing University, China*)

Kuo-Chih CHOU (*University of Science and Technology Beijing, China*)

Han DONG (*Central Iron & Steel Research Institute, China*)

Govind Sharan GUPTA (*Indian Institute of Science, India*)

Peter HODGSON (*Deakin University, Australia*)

Eiki KASAI (*Tohoku University, Japan*)

Marutiram KAZA (*JSW Steel Ltd., India*)

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Akihiro MIYASAKA (*Nippon Steel & Sumitomo Metal Corp., Japan*)

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Toshihiro TANAKA (*Osaka University, Japan*)

Seishi TSUYAMA (*JFE Steel Corp., Japan*)

Jun YANAGIMOTO (*The University of Tokyo, Japan*)

Pi-Jun ZHANG (*Baoshan Iron & Steel Co., Ltd., China*)

Supporting Organizations (In alphabetical order)

The Chemical Society of Japan

The Japan Institute of Metals and Materials

The Japan Iron and Steel Federation

The Japan Research and Development Center for Metals (JRCM)

The Japan Society for Analytical Chemistry

The Japan Society for Heat Treatment

The Japan Society for Technology of Plasticity

Japan Society of Corrosion Engineering

The Japan Society of Mechanical Engineers

Japan Stainless Steel Association

Japan Welding Society

The Japanese Society for Neutron Science

Japanese Society of Steel Construction

Materials Science Society of Japan

The Mining and Materials Processing Institute of Japan

National Institute for Materials Science

Nippon Slag Association

Society of Automotive Engineers of Japan

The Society of Chemical Engineers, Japan

The Society of Instrument and Control Engineers

The Society of Materials Science, Japan

Special Steel Association of Japan

The Surface Finishing Society of Japan

The Technical Association of Refractories, Japan

Conference Outline / Topics / Lecturers

Conference Outline

Date: October 5 – 8, 2015

Venue: PACIFICO YOKOHAMA (Annex)

Official Language: English



Topics

- 1) Fundamentals of High Temperature Processes
- 2) Ironmaking
- 3) Steelmaking
- 4) Casting and Solidification
- 5) Instrumentation, Control and System Engineering
- 6) Chemical and Physical Analysis
- 7) Forming Processing and Thermomechanical Treatment
- 8) Welding and Joining
- 9) Surface Treatment and Corrosion
- 10) Transformations and Microstructures
- 11) Mechanical Properties
- 12) Physical Properties
- 13) New Materials and Processes
- 14) Social and Environmental Engineering
- 15) Steel Products and Applications

Conference Outline / Topics / Lecturers

Lecturers

Plenary Lecturers (in alphabetical order)

- Kiyoshiba Mase (*Toyota Motor Corporation, Japan*)
Sashi Shekhar Mohanty (*Steel Authority of India, Ltd., India*)
Hiroshi Tomono (*Nippon Steel & Sumitomo Metal Corporation, Japan*)
Sung-Ho Park (*POSCO Technical Research Laboratories, Korea*)
Xinhua Wang (*University of Science and Technology Beijing, China*)

Keynote Lecturers (in alphabetical order)

- Kuo-Chih Chou (*University of Science and Technology Beijing, China*)
Han Dong (*Central Iron & Steel Research Institute, China*)
Govind Sharan Gupta (*Indian Institute of Science, India*)
Kimihiisa Ito (*Waseda University, Japan*)
Min Dong Joon (*Yonsei University, Korea*)
Sung-Wook Jung (*Research Institute of Industrial Science and Technology (RIST), Korea*)
Joon Hyun Lee (*Pusan National University, Korea*)
Chong Soo Lee (*POSTECH, GIFT, Korea*)
Kazuho Matsubae (*Tohoku University, Japan*)
Dipak Mazumdar (*Indian Institute of Technology, India*)
Masato Ohnuma (*Hokkaido University, Japan*)
Jong Jin Pak (*Hanyang University, Korea*)
Elena Pereloma (*University of Wollongong, Australia*)
Dierk Raabe (*MPIE, Germany*)
Koji Saito (*Nippon Steel & Sumitomo Metal Corporation, Japan*)
Setsuo Takaki (*Kyushu University, Japan*)
Yang Tianjun (*USTB, China*)
Kouji Tsumura (*The University of Tokyo, Japan*)
Yoshiyuki Ueshima (*Nippon Steel & Sumitomo Metal Corporation, R&D Laboratories, Japan*)
Hiroshi Utsunomiya (*Osaka University, Japan*)
X. L. Wang (*City University Hong Kong, China*)
Chunxia Zhang (*Central Iron & Steel Research Institute, China*)

Schedule / Social Events

Schedule

	A.M.	P.M.
October 5th Monday		Registration Welcome Party
October 6th Tuesday	Opening Plenary Lectures	Oral Presentations
October 7th Wednesday	Oral Presentations	Oral Presentations Banquet
October 8th Thursday	Oral Presentations	Oral Presentations Closing
October 9th Friday	Plant Tour	

Social Events

Welcome Party

Monday, October 5 / 17:00-19:00

Venue: PACIFICO YOKOHAMA (Annex F205+F206)

All registered participants and their accompanying persons are invited to attend the Welcome Party free of charge.

A light meal and drinks will be served.



Banquet

Wednesday, October 7 / 18:00-20:00

Venue: THE YOKOHAMA BAY HOTEL TOKYU
(B2 floor, Queen's Grand Ballroom)

All registered participants and their accompanying persons are invited to attend the Banquet free of charge.



Call for Abstracts

Abstract Submission Deadline
Friday, January 30th, 2015

Manuscript (Full Paper) Submission Deadline
Tuesday, June 30th, 2015

Participants wishing to make a presentation on the results of their recent research are cordially invited to submit about 200 words abstract in English, by no later than January 30th 2015 via the online Asia Steel 2015 conference website.

Authors of accepted papers will be notified by e-mail by mid-April 2015, with information on the format and typing instructions for the manuscript (full paper).

Abstract Submission Instructions

Submission is only accepted via the online Asia Steel 2015 conference website.

No fax and e-mail submission are accepted.

Please fill in the online submission form and submit the abstract with up to 6 Keywords.

Abstract should be written not exceeding 200 words. You are requested to choose the Topics from the listed below that are most applicable to your abstract theme. After submission, you will receive an automatic submission number in return by e-mail when the submission succeeds.

- 1) Fundamentals of High Temperature Processes
- 2) Ironmaking
- 3) Steelmaking
- 4) Casting and Solidification
- 5) Instrumentation, Control and System Engineering
- 6) Chemical and Physical Analysis
- 7) Forming Processing and Thermomechanical Treatment
- 8) Welding and Joining
- 9) Surface Treatment and Corrosion
- 10) Transformations and Microstructures
- 11) Mechanical Properties
- 12) Physical Properties
- 13) New Materials and Processes
- 14) Social and Environmental Engineering
- 15) Steel Products and Applications

* Topics 7 to 11 are co-organized by ICASS.

Manuscript submission instruction will be notified on the website once ready.

Type of Presentation

Oral presentations only.

Registration / Accommodation

Registration

- Online Pre-registration Deadline (Early) July 31st, 2015
- Online Pre-registration Deadline (Regular) September 7th, 2015

Registration Fees

Category	<u>Early Registration</u> Before July 31st (Fri), 2015, 15:00 JST	<u>Regular Registration</u> After July 31st (Fri), 2015, 15:00 JST
Regular Participant	JPY 70,000	JPY 80,000
Student	JPY 30,000	JPY 40,000
Accompanying Person	JPY 10,000	
Documents for Visa acquisition	JPY 10,000	

- All participants are subject to register online in advance or on-site at the registration desk at the venue.
- All presenters are required to register for Early registration in order to make a presentation and for the manuscript to be included in the Proceedings.
- To qualify for the Online Early Pre-registration, the application must be received by the Registration Office and payment completed by no later than July 31st (Fri), 2015, 15:00 JST.
- Students are requested to show their Student ID card at the onsite registration desk.

Entitlement

Registration fee for Regular Participant and Student include:
Session participation, Conference Kit, Welcome Party, Coffee Breaks, Banquet

Registration fee for Accompanying Person include:
Welcome Party, Coffee Breaks, Banquet

Payment Methods

After registering through this website, all payments must be made in Japanese yen by credit card or by bank transfer.

Registration / Accommodation

Credit Card

Payments are accepted only through VISA and Master Card.

Payment will be made in a single lump-sum.

Bank Transfer

Bank information will be available on the website when the registration starts.

Please remit by July 31st (Fri), 2015, 15:00 JST to qualify for early registration.

Registrants are responsible for all bank transfer charges.

Please input the 4-digit Registration Number when you are making the transfer.

Confirmation and Receipt

The Pre-Confirmation e-mail bearing your registration number and details will be sent to you after your online registration is complete.

The Confirmation e-mail will be sent to you after the payment has been confirmed.

- * If you do not receive a confirmation e-mail from the Registration Office within 1 month from the above indication, please email the Registration Office (asiasteel2015-reg@issjp.com).
- * The confirmation e-mail should be retained and presented at the registration desk at the conference venue to receive your conference kit and receipt.
- * Receipt of your payment will be issued on the day of the conference addressed to the applicant's name as registered.
- * A request for changes in the registration details should reach the Registration Office (asiasteel2015-reg@issjp.com) by no later than Monday September 7th, 2015.

Cancellation and Refunds

Cancellation Policy: No refund after payment.

Accommodation

All participants are requested to book their accommodation in Yokohama by themselves. Asia Steel 2015 Organizing Committee or Secretariat Office will not arrange accommodation for the participants. Please enquire at your favorite online hotel-booking page or travel agency.

Reference information of hotel list and location map in easy access from the conference venue, "PACIFICO YOKOHAMA" are available from the link below:

<http://www.pacifico.co.jp/english/services/accomodations.html>

Please contact directly to the hotel you would like to stay at. Please note that the Organizing Committee or Secretariat Office has no special contract with these hotels and are not responsible for participants' hotel reservation.

General Information

Passport and Visa

A valid passport is required to enter Japan. Participants from certain countries may be required to obtain a visa to enter Japan. Visa applications need to be made at least three months before the symposium. If you are uncertain about your requirements, please consult your nearest Japanese Embassy or Consulate, or visit the website of the Ministry of Foreign Affairs of Japan.

Climate and Clothing

During October, the average temperature in Yokohama is around 15-22°C (59-72°F).

Currency

Only Japanese Yen is acceptable at regular store and restaurants. Foreign currency or traveler's checks can be changed into Japanese yen (¥) at major banks, hotels, and airports.

Credit Cards

Credit cards are widely accepted. Commonly recognized cards include Visa, MasterCard, and American Express.

Tipping

There is no custom of tipping anywhere in Japan, even at hotels and restaurants. On certain occasions, however, a service charge is added to the bill.

Electrical Appliances

The voltage in Japan is 100 - 110 volts for electrical appliances. Electrical sockets usually accept only two-pronged (vertical) plugs.

Special Requirements

Please give details of any special diet or disability assistance required on your registration form.

Insurance

The organizer cannot accept responsibility for accidents which might occur. It is recommended that participants take out adequate medical, travel and personal insurance prior to the commencement of travel.

Contact (about the conference)

Asia Steel 2015 Secretariat

c/o ISS, INC.

Mita MT Bldg. 8F, 3-13-12 Mita, Minato-ku, Tokyo, 108-0073 Japan

TEL: +81-3-6369-9984

FAX: +81-3-3453-1180

E-mail: asiasteel2015@issjp.com

Access



Access from the nearest stations

3-minute walk from Minato Mirai Station (Minato Mirai Line)

Go out "Queen's Square Exit" and walk leftward to take the long red escalator and the front escalator to the 2nd floor. Turn left and walk through Queen's Square.

From Sakuragicho Station (JR or Subway): 12-minute walk, 7 minutes by bus or 5 minutes by taxi

Go out the ticket gate and walk leftward to take the moving walkway. Walk through Landmark Plaza and Queen's Square.

Take Municipal Bus from Sakuragicho Station Bus Terminal No. 4 to Convention Hall or PACIFICO Yokohama.

Access by air

From Haneda Airport:

- 20 minutes by car
- 40 minutes by bus
 - Take an Airport Limousine Bus direct to PACIFICO Yokohama
 - or
 - Take an Airport Limousine Bus for YCAT. Then change to Minato Mirai Line or take a taxi.
- 30 minutes by train
 - Take the Keihin Kyuko Express (for Zushi) and get off at Yokohama Station. Then change to Minato Mirai Line.

From Narita Airport:

- 90 minutes by bus
 - Take an Airport Limousine Bus direct to PACIFICO Yokohama
- 100 minutes by train
 - Take the JR Narita Express to Yokohama. Change to Minato Mirai Line.