



9th Pacific Rim International Conference on
Advanced Materials and Processing (PRICM9)



Call for Papers (2 nd Circular)

Organizing and Sponsor Institutes/Societies

The Japan Institute of Metals and Materials (JIM) **Host Institute**
The Chinese Society for Metals (CSM)
The Korean Institute of Metals and Materials (KIM)
Materials Australia (MA)
The Minerals, Metals & Materials Society (TMS)



About PRICM9

PRICM is a series of triennial international conferences devoted to advanced materials and processing. After being initiated in 1992, the conference has been jointly and in-rotation organized by academic institutes or societies in five countries, Australia, China, Japan, Korea and United States and attracts many researchers and students in the field of materials science.

The PRICM9, the ninth in this conference series, is hosted by **The Japan Institute of Metals and Materials (JIM)** and will be held at **Kyoto International Conference Center in Kyoto, Japan** from **August 1 to 5, 2016**.

It includes plenary, keynote and invited lectures and contributed presentations on a variety of subjects or topics. We welcome you all to attend this wonderful conference and to join us for exciting discussions.

About the Venue

Kyoto, surrounded by gracefully wooded hills and mirrored by 1200 years' history, was the capital of Japan from 794 to 1868 AD. In addition to beautiful Imperial Villas, Kyoto has about 400 Shinto shrines and 1,650 Buddhist temples which dot the entire city, including 17 UNESCO World Heritage Sites. Innumerable cultural treasures and traditional crafts, as well as beautiful scenery in all seasons or elegant and tasteful Japanese cuisine attract visitors to Kyoto, both from inside and outside Japan.

Today, the city of Kyoto is also a bustling academic city that is young-at-heart, with nearly 50 institutions of higher education, and a home to many world-class corporate research giants. The spirit of Kyoto lies in the unique blend of old and new, taking the best of the old and applying them to the future.

Access to the Venue

From overseas to Kyoto, the following two international airports are convenient.

Please see <http://kyoto.travel/en/> for more information

1.From Kansai International Airport(KIX)

a.75 min ride by JR Haruka Airport Express

These Kyoto-bound trains run every half an hour in the morning and evening and every hour during daytime hours.

b.90 min ride by JR Rapid Service

Take the Kansai airport Rapid Service train to Osaka Station and change trains to a Special Rapid train for Kyoto.

c.120 min ride by Airport Limousine Bus

Airport limousine buses will drop you off at selected destination in Kyoto for a fairly low price.

2.From Osaka(Itami) International Airport(ITM)

a.60 min ride by Airport Limousine Bus

Airport Limousine buses leave regularly to Kyoto Station and selected hotels in Kyoto.

Important Dates

Deadline of Abstract Submission	November 1, 2015
Notification of Abstract Acceptance	December 15, 2015
Start of Manuscript Submission	December 15, 2015
Start of Advance Registration	December 15, 2015
Deadline of Manuscript Submission	March 1, 2016
Deadline of Advance Registration	March 1, 2016
Deadline of Payment of Participation Fee by Presenting Authors	March 1, 2016

Homepage

<http://web.apollon.nta.co.jp/PRICM9/>

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- The Japan Institute of Metals and Materials (**JIM**) **Host Institute**
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Conference Organizers

1. Conference Chair

Tadashi Furuhashi, Tohoku University

2. In-Country Representatives

JIM **Tadashi Furuhashi**, Tohoku University

CSM **Chengjia Shang**, University of Science and Technology, Beijing

KIM **Sung-Joon Kim**, Pohang University of Science and Technology

MA **Nick Birbilis**, Monash University

TMS **George T. (Rusty) Gray III**, Los Alamos National Laboratory

3. International Organizing Committee Members

JIM **Haruyuki Inui**, Kyoto University

Tomoyuki Kakeshita, Osaka University

Minoru Nishida, Kyushu University

Masahiko Ikeda, Kansai University

CSM **Yafang Han**, Beijing Institute of Aeronautical Materials

Guoqing Zhang, Beijing Institute of Aeronautical Materials

Pei Zhao, The Chinese Society for Metals

KIM **Heung Nam Han**, Seoul National University

Do-Hyang Kim, Yonsei University

Young Keun Kim, Korea University

Kyung Ho Shin, Korea Institute of Science and Technology

MA **Michael Ferry**, The University of New South Wales

Allan Morton, CSIRO Process Science and Engineering

Ming-Xing Zhang, University of Queensland

TMS **Fernand D. S. Marquis**, San Diego State University

Marc A. Meyers, University of California, San Diego

Brajendra Mishra, Colorado School of Mines
Vilupanur A. Ravi, California State Polytechnic University

4. International Advisory Board Members

- JIM** **Yoshinao Mishima**, Tokyo Institute of Technology
Shuichi Miyazaki, University of Tsukuba
Masahiko Morinaga, Nagoya University
- CSM** **Yuqing Weng**, The Chinese Society for Metals
Xishan Xie, University of Science and Technology, Beijing
Zengyong Zhong, The Chinese Society for Metals
- KIM** **Chang Hee Lee**, Hanyang University
Kwang Seon Shin, Seoul National University
Nack Joon Kim, Pohang University of Science and Technology
- MA** **Matthew Barnett**, Deakin University
Jian-Feng Nie, Monash University
Simon Ringer, University of Sydney
- TMS** **Diran Apelian**, Worcester Polytechnic Institute
Hani Henein, University of Alberta
Elizabeth A. Holm, Carnegie Mellon University

Main Schedule during PRICM9

- August 1 (Mon), 2016 Welcome Party
August 2 (Tue), 2016 Opening Ceremony, Plenary Lectures and Presentations
August 3 (Wed), 2016 Presentations and Poster Session
August 4 (Thu), 2016 Presentations and Banquet
August 5 (Fri), 2016 Presentations and Closing Ceremony

Plenary Lecturers

- JIM** **Dr. Kazuhiro Hono**, National Institute of Materials Science
CSM **Prof. Huiming Cheng**, Institute of Metal Research Chinese Academy of Science
KIM **Prof. Dong-Il Kwon**, Seoul National University
MA **Dr. Amanda Barnard**, Commonwealth Scientific and Industrial Research Organization
TMS **Prof. Diran Apelian**, Worcester Polytechnic Institute

Symposia Topics and Chairs

1. Advanced Steels and Processing

- JIM** **Prof. Yoshitaka Adachi**, Kagoshima University
CSM **Prof. Zhigang Yang**, Tsinghua University
KIM **Prof. Dong-Woo Suh**, Pohang University of Science and Technology
MA **Prof. Christopher Hutchinson**, Monash University
TMS **Prof. Bryan Webler**, Carnegie Mellon University

2. Advanced High Temperature Structural Materials

- JIM** **Prof. Kyosuke Yoshimi**, Tohoku University
CSM **Prof. Qiang Feng**, University of Science & Technology Beijing
KIM **Prof. Yoon-Suk Choi**, Pusan National University
MA **Prof. Nick Birbilis**, Monash University

TMS Dr. Akane Suzuki, GE Global Research

3. Light Metals and Alloys

JIM Prof. Shinji Kumai, Tokyo Institute of Technology

CSM Prof. Yongqing Zhao, Northwest Institute for Non-Ferrous Metal Research

KIM Prof. Hyoung-Wook Kim, The Korea Institute of Materials Science

MA Prof. Nicole Stanford, Deakin University

TMS Dr. Irene Jane Beyerlein, Los Alamos National Laboratory

4. Solidification, Deformation and Related Processing

JIM Prof. Hideyuki Yasuda, Kyoto University

CSM Prof. Miaoyong Zhu, Northeastern University

KIM Prof. Je-Hyun Lee, Changwon National University

MA Prof. Ming-Xing Zhang, University of Queensland

TMS Prof. Dan Thoma, University of Wisconsin

5. Thin Films and Surface Engineering

JIM Prof. Hiroshi Masumoto, Tohoku University

CSM Prof. Chuang Dong, Dalian University of Technology

KIM Prof. Kyu-Hwan Lee, The Korea Institute of Materials Science

MA Prof. Kourosch Kalantar-Zadeh, RMIT University

TMS Prof. Ravi Vilupanur, California State Polytechnic University

6. Biomaterials, Smart Materials and Structures

JIM Prof. Takayoshi Nakano, Osaka University

CSM Prof. Yufeng Zheng, Peking University

KIM Prof. Hyun-Kwang Seok, Korea Institute of Science and Technology

MA Prof. Cuie Wen, RMIT University

TMS Prof. Marc Meyers, University of California

7. Materials Characterization and Evaluation

JIM Prof. Satoshi Hata, Kyushu University

CSM Prof. Xiaodong Han, Beijing University of Technology

KIM Dr. Jae-Pyoung Ahn, Korea Institute of Science and Technology

MA Dr. Natasha Wright, CSIRO

TMS Prof. Yoosuf Picard, Carnegie Mellon University

8. Composites and Hybrid Materials

JIM Prof. Yutaka Kagawa, The University of Tokyo

CSM Prof. Di Zhang, Shanghai Jiao Tong University

KIM Prof. Young Keun Kim, Korea University

MA Dr. Russell Varley, CSIRO

TMS Dr. Nikhil Gupta, New York University

9. Bulk Metallic Glasses, Nanocrystalline Materials, and Ultrafine-Grained Materials

JIM Prof. Nobuhiro Tsuji, Kyoto University

CSM Prof. Rongming Wang, University of Science & Technology Beijing

KIM Prof. Jae-II Jang, Hanyang University

MA Dr. Kevin Laws, University of New South Wales

TMS Prof. Peter Liaw, University of Tennessee

10. Modelling and Simulation of Microstructures and Processing

JIM Prof. Toshiyuki Koyama, Nagoya University

CSM Prof. Limin Liu, Beijing Computing Center

KIM Prof. Heung Nam Han, Seoul National University
MA Dr. Nick Wilson, CSIRO
TMS Dr. Saryu Fensin, Los Alamos National Laboratory

11. Materials for Energy and Environment

JIM Prof. Hitoshi Takamura, Tohoku University
CSM Prof. Zhengdong Liu, China Iron & Steel Research Institute Group
KIM Prof. Woo-Young Lee, Yonsei University
MA Dr. Deborah Lau, CSIRO
TMS Prof. Brajendra Mishra, Worcester Polytechnic Institute

12. Electronic and Magnetic Materials

JIM Prof. Satoshi Sugimoto, Tohoku University
CSM Prof. Shouguo Wang, The Institute of Physics, Chinese Academy of Sciences
KIM Prof. Young-Chang Joo, Seoul National University
MA Prof. Sean Cadogan, University of New South Wales
TMS Prof. Wonbong Choi, University of North Texas

13. Additive Manufacturing

JIM Prof. Akihiko Chiba, Tohoku University
CSM Prof. Xin Lin, Northwestern Polytechnical University
KIM Prof. Myoung-Woon Moon, Korea Institute of Science and Technology
MA Prof. Alexandra Kingsbury, CSIRO
TMS Dr. George T. (Rusty) Gray III, Los Alamos National Laboratory

Participation Fee

	Payment Period	Participation Fee	
		Regular	Student*
Advance Registration	From December 15, 2015 to March 1, 2016	87,000 Japanese yen	56,000 Japanese yen
Standard Registration	From March 2, 2016 to July31, 2016	99,000 Japanese yen	69,000 Japanese yen
On-site Registration	From August 1, 2016 to August 5, 2016	99,000 Japanese yen	69,000 Japanese yen

*Copy of student identification of the University/Institute must be submitted.

Participation fee includes conference bag, one presentation, admission for presentation rooms, welcome party, refreshment breaks and lunch on Tuesday through Friday and one banquet ticket

Additional one presentation requires 15,000 Japanese yen as additional presentation fee.

Presenting author must pay registration fee and additional presentation fee before the deadline of the advance registration of March 1, 2016, otherwise the submitted abstract and proceedings manuscript will be automatically withdrawn.

Cancellation and Refund Policy

- Request for cancellation must be made in writing to Secretariat of PRICM9.
- Before the deadline of the advance registration of March 1, 2016, you will get **refund of 65,000 Japanese yen for regular participant and 42,000 Japanese yen for student**

participant and 11,000 Japanese yen for additional presentation fee after the reduction of cancellation cost.

- c. After the deadline of the advance registration of March 1, 2016, **no refund** will be made and PRICM9 conference documents will be shipped after the PRICM9 Conference.

Abstract

1. Submission Deadline, Acceptance Notice Date and Payment Deadline for Corresponding Author

- a. The submission deadline is November 1, 2015
- b. Acceptance will be notified on December 15, 2015
- c. If corresponding author do not pay participation fee and additional presentation fee by March 1, 2016, the abstract will be automatically withdrawn.

2. Person who submits the abstract

- a. Only the corresponding author can submit the abstract.
- b. Corresponding author may not be a presenting author.

3. Abstract Requirements

The following standards are required for the abstract.

- a. Appropriateness of the paper title.
- b. Containing interesting and sufficient contents based on highly qualified science and technology.
- c. Correctness of the contents and appropriateness in description.
- d. Not containing inappropriate descriptions such as excessive propaganda on products or technology and slander to the others

4. Specifications to be made at the submission

- a. Selection of one symposium topic in which you wish most to make presentation
- b. Preference of presentation type (Oral/Poster/No preference)
- c. Specification of presenting author and the order of authors on the program

Proceedings

1. Proceedings Policy

- a. PRICM9 Proceedings are limited publication and will not be sold after the conference. Besides, PRICM9 Proceedings has been assigned no ISBN number and will not be provided for Scientific Citation.
- b. Originality of the manuscript and the transfer of copyright are not required.
- c. Submission of the manuscript is optional.
- d. Page number restriction is 2 to 6 pages for contributed paper.
- e. Proceeding will be provided on-site in **DVD**.

2. Submission and Payment Deadlines

- a. The submission deadline is March 1, 2016
- b. If you do not pay participation fee by March 1, 2016, your abstract will be automatically withdrawn.

3. Person who submits the manuscript

- a. Only the corresponding author can submit the manuscript.
- b. Corresponding author may not be a presenting author.

4. Manuscript Requirements

The following standards are required for the manuscript.

- a. Appropriateness of the paper title and abstract
- b. Interesting and sufficient contents based on highly qualified science and technology
- c. Correctness of the contents
- d. Appropriate description (not containing excessive propaganda on products and technology, slander to the others and so on)
- e. Style of the manuscript which follows the specifications in the template
- f. Readable description in English

Poster Award

Poster Award for Young Scientist will be presented to the excellent poster submitted by young scientist under the age of 30.

The application for poster award at the abstract submission and the attendance of the awarding during banquet are required.

Accommodation & Travel

To be announced later.

Accommodation and travel cost shall be covered by the attendee.

Social Program

To be announced later.

Additional payment will be required for participation.

Regulation and Disclaimer Policy

- a. Audio and video recording as well as photographing in the presentation rooms by the attendees or others are strictly prohibited. However, The Japan Institute of Metals and Materials (JIM) or its office members or contractors and mass media may do these for dissemination of the information on PRICM9.
- b. Authors and presenters or discussants at PRICM9 have sole responsibility for the contents and other of publications and presentations or discussions at PRICM9.
- c. JIM has no liability for losses or injuries suffered by attendees at PRICM9.
- d. JIM has no liability in any event when JIM performs duty of the diligence of a good custodian.

Secretariat

c/o Nippon Travel Agency Co.,Ltd. Kyoto Shijo Branch

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