



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



Final 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)



GENERAL INFORMATION

Homepage

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

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.

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The Chinese Society for Metals (**CSM**)

The Korean Institute of Metals and Materials (**KIM**)

Materials Australia (**MA**)

The Minerals, Metals & Materials Society (**TMS**)

Supporting Institutes/Societies

Japanese Society for Biomaterials

The Ceramic Society of Japan

Japan Society for Composite Materials

Japan Institute of Copper

Japan Society of Corrosion Engineering

Japan Foundry Engineering Society

The Japan Society for Heat Treatment

The Iron and Steel Institute of Japan

The Japan Institute of Light Metals

The Society of Materials Science, Japan

The Mining and Materials Processing Institute of Japan

Japan Society of Powder and Powder Metallurgy

The Japan Society for Technology of Plasticity

Japan Thermal Spray Society

The Thermoelectric Society of Japan

The Japan Titanium Society

Japan Welding Society

Important Dates

Deadline of Abstract Submission	January 5, 2016
Notification of Abstract Acceptance	January 15 to 30, 2016
Start of Manuscript Submission	December 15, 2015
Start of Advance Registration	December 15, 2015
Deadline of Manuscript Submission	April 28, 2016
Deadline of Advance Registration	April 28, 2016
Deadline of Payment of Participation Fee by Presenting Authors	April 28, 2016
Notification of Manuscript Acceptance	April 28, 2016

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

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.

VENUE

About Kyoto

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.

For your reference: <http://kyoto.travel/en>

About Kyoto International Conference Center

Kyoto International Conference Center (ICC Kyoto) was constructed in 1966 as one of flagship platforms for large-scale conferences in Asia area and since then ICC Kyoto has staged over 16,000 conferences. ICC Kyoto covers a vast site of 156,000 m² that features Main Building, Annex Hall, Event Hall and a Japanese garden as well as car parking for 500 vehicles. While based on old Japanese styles, the building architecture has a richly modern sense. Three-dimensional and spatial art forms part of the interior and the lobby and lounge are comfortably spacious. Participants can enjoy walking through Japanese garden.

In addition of wrapped rich natural beauty of four seasons, the accessibility to ICC Kyoto is excellent by using public subway.

For your reference: <http://www.icckyo.or.jp/en/>

Access to the Venue

From overseas to Kyoto, the following international airports are available.

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.

3.From Narita International Airport(NTA)

a.60 min ride by Narita Express Train to Tokyo and train-change to Kyoto by Shinkansen bullet train for 2 hours and 20 mins

Note: Domestic flights to KIX or ITM are limited.

4.From Haneda International Airport(HND)

a.70 min flight to KIX or 60 min flight to ITM

CONFERENCE ORGANIZERS

Conference Chair

Tadashi Furuhashi, Tohoku University

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

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, Worcester Polytechnic Institute
Vilupanur A. Ravi, California State Polytechnic University

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

REGISTRATION

Participation Fee

	Payment Period	Participation Fee	
		Regular	Student*1
Advance Registration	From December 15, 2015 to April 28 , 2016	87,000 Japanese yen	56,000*2 Japanese yen
Standard Registration	From April 29 , 2016 to July31, 2016	99,000 Japanese yen	69,000*2 Japanese yen
On-site Registration	From August 1, 2016 to August 5, 2016	99,000 Japanese yen	69,000*2 Japanese yen

*1 Student registrants are required to upload a copy of student ID at the Registration.

*2 Without Banquet: Advance Registration is 43,000 Japanese yen

Standard or On-site Registration is 56,000 Japanese yen

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

Addition of only one presentation is possible by the payment of 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 **April 28**, 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 **April 28**, 2016, you will get **refund of 65,000 Japanese yen for regular participant, 42,000 Japanese yen for student participant with banquet, 32,000 Japanese yen for student participant without banquet and 11,000 Japanese yen for additional presentation fee** after the reduction of cancellation cost.
- After the deadline of the advance registration of **April 28**, 2016, **no refund** will be made and PRICM9 conference documents will be shipped after the PRICM9 Conference.

TECHNICAL PROGRAM

Announcement to Presenting Author

Please refer to Technical Program page in PRICM9 website.

Program

To be posted in Technical Program page in PRICM9 website in the middle of April, 2016

Plenary Lecturers

J IM Dr. Kazuhiro Hono, National Institute for Materials Science

CSM Prof. Hui-Ming Cheng, Institute of Metal Research Chinese Academy of Science

KIM Prof. Dong-II Kwon, Seoul National University

MA Dr. Amanda Barnard, Commonwealth Scientific and Industrial Research Organisation

TMS Prof. Brajendra Mishra, Worcester Polytechnic Institute

Keywords for Selection of Symposium

Please refer to Technical Program page in PRICM9 website.

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 Prof. 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. Karl Shamlaye, Swiss Federal Institute of Technology Zurich
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. Shou-Guo Wang, University of Science and Technology Beijing
KIM Prof. Young-Chang Joo, Seoul National University
MA Prof. Sean Cadogan, University of New South Wales
TMS Prof. Wongbong 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 Dr. Andrey Molotnikov, Monash University
TMS Dr. George T. (Rusty) Gray III, Los Alamos National Laboratory

Symposium Keynote Lectures and Invited Speakers

Please refer to Technical Program page in PRICM9 website.

Poster Award

Poster Award for Young Scientist will be presented to the excellent poster submitted by young scientist under the age of 35.

Proceedings

For details, please refer to Manuscript Submission page in PRICM9 website.

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. Proceeding will be provided on-site in **DVD**.

2. Submission and Payment Deadlines

- a. The submission deadline is **April 28, 2016**
- b. If you do not pay participation fee by **April 28, 2016**, your abstract will be automatically withdrawn.

3. Person who submits the manuscript

- a. Only the corresponding author can submit the manuscript.

ACCOMMODATION & TRAVEL

VISA Information

Please refer to Accommodation & Travel page in PRICM9 website.

Accommodation

Please refer to Accommodation & Travel page in PRICM9 website for hotel list and hotel booking.

SOCIAL PROGRAM

Social Program

Please refer to Social Program page in PRICM9 website.
Additional payment is required for participation.

SECRETARIAT

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

In charge: AYA SHINNO

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