



**MRS-J**  
The Materials Research Society of Japan

# IUMRS-ICAM 2017

## The 15th International Conference on Advanced Materials

27<sup>th</sup> [Sun] August - 01<sup>st</sup> [Fri] September  
Kyoto University, Yoshida Campus,  
Kyoto, Japan

## Second Announcement & Call for Papers

Website: <http://iumrs-icam2017.org/>

Announcement: <https://www1.mrs-j.org/en/index.php>

Abstract Submission Due : 28<sup>th</sup> February 2017

### Committee

#### Chairperson

Dr. Yasuro IKUMA,  
Kanagawa Institute of Technology,  
Professor

#### General Secretary

Dr. Toshiyuki MORI,  
National Institute for Materials Science  
(NIMS), Managing Researcher

#### Conference Secretary

Mr. Hiroshi OKUBO

#### Secretary of MRS-J

Ms. Satsuki TAKEMOTO, Ms. Kumi OWASHI

#### International Advisory Board

IUMRS Officers,  
Presidents of IUMRS Adhering Bodies

### Contact Address

[meetings@iumrs-icam2017.org](mailto:meetings@iumrs-icam2017.org)

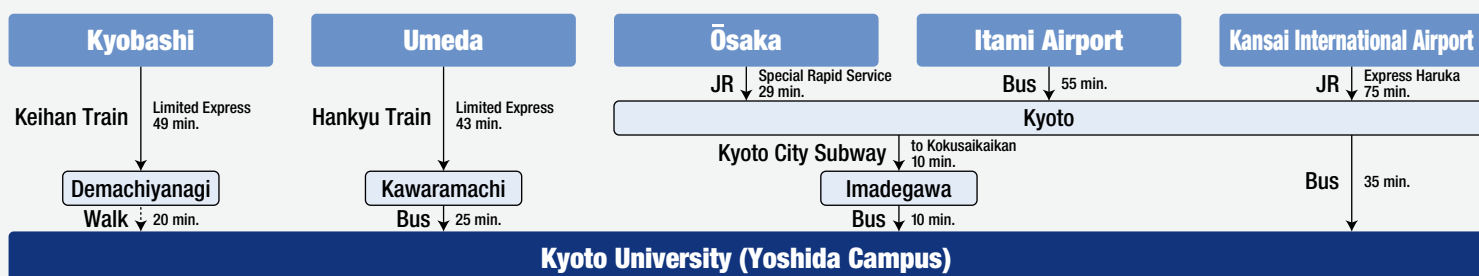
## REGISTRATION FEE (tentative)

Early Bird Before 20 <sup>th</sup> June 2017	
Member of MRS-Japan or IUMRS	¥50,000
Member of Academic Societies in Cooperation	¥60,000
Non-Member	¥65,000
Student Member of MRS-Japan or IUMRS	¥30,000
Student Member of Academic Societies in Cooperation	¥35,000
Student Non-Member	¥40,000
After 21 <sup>st</sup> June 2017	
Member of MRS-Japan or IUMRS	¥60,000
Member of Academic Societies in Cooperation	¥70,000
Non-Member	¥75,000
Student Member of MRS-Japan or IUMRS	¥40,000
Student Member of Academic Societies in Cooperation	¥45,000
Student Non-Member	¥50,000

## IMPORTANT DATES

Online abstract submission system opens
11 <sup>th</sup> [Fri] November 2016
Abstract submission deadline
28 <sup>th</sup> [Tue] February 2017
Notification of acceptance
20 <sup>th</sup> [Mon] March 2017
Early bird registration deadline
20 <sup>th</sup> [Tue] June 2017
Online registration closes
14 <sup>th</sup> [Mon] August 2017

## ACCESS



**Banquet** Banquet Fee: unfixed  
Venue: Kyoto National Museum (Tentative)  
<http://www.kyohaku.go.jp/eng/index.html>

**Family program (Option)** Sightseeing tours in Kyoto area



## Second Announcement & Call for Papers

IUMRS-ICAM 2017 will be held in Kyoto, Japan, as one of the series of IUMRS international conferences focusing on advanced materials. The advanced materials are the keys to overcome global challenges such as environment and energy issue, development of sustainable society, and so on. IUMRS-ICAM 2017 in Kyoto will be the event for an update on the challenges at the frontier of advanced materials and related technologies. A great number of distinguished scientists will deliver technical and public lectures at the conference. Each symposium will have keynote / invited talks and contributed oral / poster presentations. A wide range of topics of contemporary importance for science, engineering and technology of advanced materials will be highlighted and provide materials scientists with the opportunity to tackle the aforementioned challenges.

### Symposia, Forums & Plenary Lectures

#### A. Advanced materials for energy and environmental issues

- A-1. Perovskite solar cells and optoelectronics: Material properties to device functions
- A-2. Energy and environmental materials – energy storage
- A-3. Superconducting materials and applications (3rd Bilateral MRS-J / E-MRS symposium)
- A-4. Magnetic oxide thin films and hetero-structures (3rd Bilateral MRS-J / E-MRS symposium)
- A-5. Thermoelectric materials for sustainable development - ACT2017 (AAT) (3rd Bilateral MRS-J / E-MRS symposium)
- A-6. Forefront of the functional development of strongly correlated materials
- A-7. Design of advanced fuel cell materials, devices and systems
- A-8. Advanced nano(porous) materials and their applications
- A-9. Materials for living – environment / energy / medicine -

#### B. Advanced science and technologies for design of advanced materials and interfaces

- B-1. Materials frontier for transparent advanced electronics (3rd Bilateral MRS-J / E-MRS symposium)
- B-2. Advanced thin film materials for future electron device and sensor
- B-3. Organic and molecular electronics
- B-4. Soft active interfaces
- B-5. Severe plastic deformation: innovative processes for high-performance structural and functional materials
- B-6. Advances in functions and reliability of ceramics and glasses based on structural formation
- B-7. Nano-biotechnology on interfaces

#### C. Nano-materials science and technologies

- C-1. Nobel Laureate Prof. SUZUKI special symposium (Carbon related materials) (3rd Bilateral MRS-J / E-MRS symposium)
- C-2. Structure and physical properties of polymers in confined systems
- C-3. Self-organized materials and their functions
- C-4. Synthesis of functional materials for next generation innovative devices application (3rd Bilateral MRS-J / E-MRS symposium)
- C-5. Frontier of nano-materials based on advanced plasma technologies
- C-6. Soft matter science and technology-revisit to unsolved problems and challenges
- C-7. Advances in semiconductor nanowires: growth, theory, characterisation, processing and devices

#### D. Unique technologies for new materials science and technologies

- D-1. Innovative material technologies utilizing ion beams
- D-2. Eco-product session
- D-3. Advanced Water Science and Technology
- D-4. Advanced Ceramics and Composites for Energy and Sustainable Society
- D-5. Regenerative medicine based upon functional materials
- D-6. Resource efficiency and material technology
- D-7. Smart materials innovations

#### Forums

- F-1. Forum on Materials Informatics Strategies and Education
- F-2. Forum on Advanced Materials Science and Technology for Cultural Assets
- F-3. Forum on Current Issues and Prospects in Materials Research

#### Nobel laureate & Plenary lectures

- [PL-1] **The Nobel Prize in Chemistry 2010**  
Emeritus Professor Akira SUZUKI  
Nobel laureate: Hokkaido University, Japan
- [PL-2] **The Nobel Prize in Physics 2014**  
Professor Hiroshi AMANO  
Nobel laureate: Nagoya University, Japan
- [PL-3] Professor Eiji YASHIMA  
Nagoya University, Japan
- [PL-4] Professor George KIRIAKIDIS  
University of CRETE, Greece
- [PL-5] Professor George MALLIARAS  
Ecole Nationale Supérieure des Mines, France
- [PL-6] Professor Axel HOFFMANN  
Argonne National University, USA
- [PL-7] Professor Andrew B. HOLMES  
University of Melbourne, Australia  
President, Australian Academy of Science
- [PL-8] Professor Ado JORIO  
Universidade Federal de Minas Gerais, Brazil