



**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: <http://mrs-j.org/home/en>

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

### Contact Details

#### Chairperson

Yasuro IKUMA,  
Kanagawa Institute of Technology,  
Professor

#### General Secretary

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

#### Conference Secretary

Mr. Hiroshi OKUBO

#### Secretary of MRS-J

Ms. Satsuki TAKEMOTO, Ms. Kumi OWASHI

### Committees

#### International Advisory Board

IUMRS Officers,  
Presidents of MRS Adhering Bodies

## REGISTRATION FEE

### Early Bird Before 20<sup>th</sup> June 2017

Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥55,000
Non-Member	¥65,000
Student Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥30,000
Non-Student Member	¥40,000

### After 21<sup>th</sup> June 2017

Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥65,000
Non-Member	¥75,000
Student Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥40,000
Non-Student Member	¥50,000

## IMPORTANT DATES

Online abstract submission system open

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

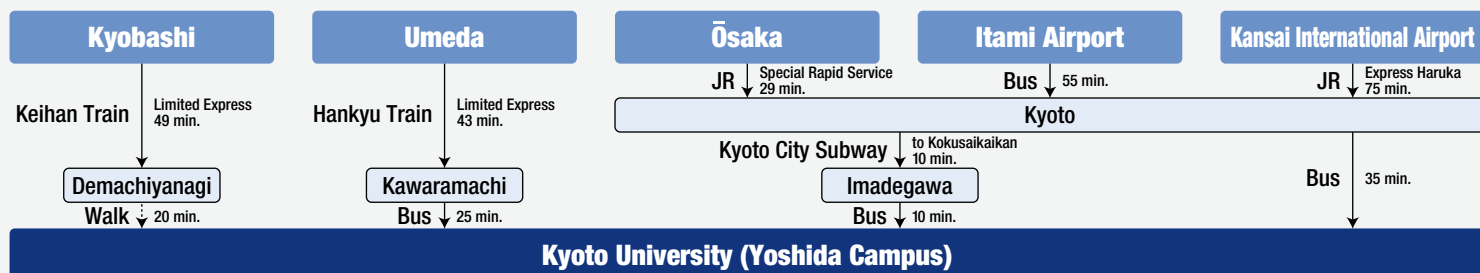
Early bird registration deadline

20<sup>th</sup> [Tue] June 2017

Online registration close

14<sup>th</sup> [Mon] August 2017

## ACCESS



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

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



## Second Announcement & Call for Papers

UMRS-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
- A-4. Magnetic oxide thin films and hetero-structures
- A-5. Thermoelectric materials for sustainable development
- 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 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)
- 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
- 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 current issue and prospect in materials research of Japan
- F-2. Forum on cultural properties and so on

#### Novel 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