

# 25th Anniversary IMRC Lecture

Prof. Hiroshi Amano  
Nagoya University, Japan

## Plenary Speakers

Prof. Mark C. Hersam  
Department of Materials Science and Engineering  
Northwestern University, USA

Prof. Enrique J. Laverna  
Provost and Executive Vice Chancellor  
University of California, Irvine, USA

Prof. Tresa M. Pollock  
Chair, Materials Department  
University of California, Santa Barbara, USA

Prof. Dr. Ing. Guus Rijnders  
Faculty of Science and Technology  
MESA+ Institute for Nanotechnology  
University of Twente, The Netherlands

Prof. Miguel José Yacamán  
Department of Physics & Astronomy  
University of Texas, San Antonio, USA

## Advisory Committee

Miguel José Yacamán / UT, San Antonio

David Ríos Jara / IPICYT

Lorenzo Martínez Gómez / UNAM

Ramiro Pérez Campos / UNAM

Egberto Bedolla Becerril / UMICH

Leticia Torres Guerra / UANL

Ventura Rodríguez Lugo / UAEH

Pedro Hugo Hernández Tejeda / BUAP

Juán Méndez Nonell / CIMAV

Luis Enrique Sansores Cuevas / UNAM

Sergio Mejía Rosales / UANL

Armando Salinas Rodríguez / CINVESTAV

For more information:

[www.mrs-mexico.org.mx/imrc2016](http://www.mrs-mexico.org.mx/imrc2016)



## CANCUN



Resting on the northeast corner of the state of Quintana Roo (keen-tah-nah-row), Cancun was a part of the ancient Mayan civilization and is still considered the gateway to The Mayan World.

Cancun has the distinction of being the one Caribbean destination with the infrastructure, modern amenities and service philosophy to rival leisure destinations worldwide. Unlike many other parts of the Caribbean and Mexico, Cancun was built for tourism and continues to meet the needs of its over 3.3 million annual visitors. Cancun delivers to travelers the best of many worlds: The Caribbean and Mexico; modern and ancient; action packed and laid back. Cancun is unequaled in its ability to offer cultural treasures, natural beauty, infinite activities and American-style conveniences.

[www.visitmexico.com/en/cancun](http://www.visitmexico.com/en/cancun)



JW Marriott Cancun Resort & Spa  
\$172.80 USD Single  
\$87.00 USD per person Double occupancy

CasaMagna Marriott Cancun Resort  
\$154.95 USD Single  
\$78.08 USD per person Double occupancy



Sociedad Mexicana  
de Materiales A.C.



MATERIALS RESEARCH SOCIETY®  
Advancing materials. Improving the quality of life.



**ABSTRACT SUBMISSION DEADLINE: APRIL 1st**

14 - 19 August 2016

Cancún, México

[www.mrs-mexico.org.mx/imrc2016](http://www.mrs-mexico.org.mx/imrc2016)

## IMRC 2016 - Symposia Clusters

### Nanoscience and Nanotechnologies

- Advances in Nanofiber Research and Applications
- Bionanodesign
- Design and Fabrication of Microelectromechanical and Nanoelectromechanical devices
- Hybrid and Bio-Inspired Plasmonic Materials
- Hybrid Interfaces in Electronics and Energy Materials
- Nanofabrication and Nanopatterning
- Nanostructured Materials and Nanotechnology
- Silicon based nanoscale optoelectronic devices

### Materials for Energy Applications

- Electrochemical Energy Storage and Generation: Batteries and Fuel Cells
- Inorganic Luminescent Materials and Applications
- Materials and Technologies for Energy Conversion, Saving and Storage (MATECSS)
- Materials and Technologies for Stationary Electrochemical Energy Storage
- Nano/Meso-Structured Carbon Bulk Materials for Energy and Sustainability
- Photovoltaics, Solar Energy Materials and Technologies
- Solar Fuels/Artificial Photosynthesis: Materials and Devices

### Soft Matter and Biomaterials

- Biomaterials for Medical Applications
- Colloidal Soft Matter
- Interfacing Nanometer and Micrometer-Scale Structures to the Bio-world
- Harnessing Surface Topography and Mechanics to Control Cellular Response
- New Trends in Polymer Chemistry and Characterization

### Structural Materials

- Advanced Structural Materials
- Advances in Cement and Concrete Research
- Aeronautical and Aerospace Processes, Materials and Industrial Applications
- Densification of Materials Using Electric Currents
- Materials in Nuclear Science and Technology
- Structural Lightweight Metallic Alloys: Processing - Microstructure - Property Relationships

### Materials Characterization

- Advanced Imaging Techniques for In-situ studies
- Advances and Challenges in Multimodal Characterizations of Functional Materials
- Emerging Materials Properties and Pre-Normative Standardization Initiatives
- Structural and Chemical Characterization of Metals and Alloys
- Texture and Microstructure

### General Materials Science

- Advanced Catalytic Materials
- From Metallurgy to Nanoscience: a special symposium dedicated to Dr. Miguel José Yacamán in occasion

- Materials and the Environment
- Phase Transitions in Functional Materials: from Fundamentals to Applications
- Synthesis and Processing Technologies for Films and Coatings
- The 7th International Workshop for R&D Clustering Among Mexico and Korea in Ecomaterials Processing
- Topotaxy, Topochemistry, and Ion-exchange Solids
- Strategies for Fostering Academy-Industry Relationships
- Advances In Functional Semiconducting Materials

**ABSTRACT SUBMISSION DEADLINE: APRIL 1st**

## The Sociedad Mexicana de Materiales (SMM) and the Materials Research Society (MRS) welcome you to the XXV International Materials Research Congress (IMRC 2016)

The Sociedad Mexicana de Materiales (SMM) will be hosting the XXV International Materials Research Congress (IMRC 2016) in Cancún, México, August 14-19, 2016. The venues of this event are the luxurious JW and CasaMagna Marriott Hotels.

In this series of annual meetings, the SMM, in partnership with the MRS, offers an exciting multidisciplinary stage to present new directions in materials research and technology, as well as valuable opportunities to exchange ideas with some of the foremost experts in the field.

The IMRC has become a leading conference with about 1,800 attendees from more than 40 countries. We are sure that the IMRC 2016 you will find a wide range of symposium topics of interest to the materials research community at large.

**J. Gerardo Cabañas**

President, Sociedad Mexicana de Materiales

## CONGRESS CHAIRS

- ▶ **Jeff Eastman**  
Argonne National Laboratory
- ▶ **Martin Heilmair**  
Karlsruhe Institute of Technology.  
Institut für Angewandte Materialien
- ▶ **Olivia A. Graeve**  
Mechanical and Aerospace Engineering  
Jacobs School of Engineering  
UC San Diego
- ▶ **Manuel Ramos**  
Mathematics Department  
Universidad Autonoma de Ciudad Juarez

## EXHIBIT

There will be an exhibit of instrumental products and services in the field of Materials Science and related topics with the participation of renowned companies

**The official language of the IMRC is English**

## CONGRESS FEES

**Members**, a member is an attendee to the 2015 IMRC and/or MRS 2015 and/or 2016 :

- ▶ Until July 12, 2016: \$450 USD
- ▶ After July 12, 2016: \$500 USD

### Non - Members

- ▶ Until July 12, 2016: \$500 USD
- ▶ After July 12, 2016: \$550 USD

### Students

- ▶ Until July 12, 2016: \$150 USD
- ▶ After July 12, 2016: \$160 USD

[www.mrs-mexico.org.mx/imrc2016](http://www.mrs-mexico.org.mx/imrc2016)