

# 2018 3rd International Conference on Material Engineering and Smart Materials (ICMESM 2018)

## ICMESM 2018

University of the Ryukyus,  
Okinawa, Japan  
August 11-13, 2018

 [www.icmesm.org](http://www.icmesm.org)

### PUBLICATION

Accepted papers of ICMESM 2018 will be included in the conference proceedings of ICDMM 2018, which indexed by SCOPUS, Ei Compendex, Cambridge Scientific Abstracts, Chimica, ProQuest, WorldCat, Google Scholar, etc.

### CO-SPONSORED BY



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ICMESM 2018

*Submission Instructions*

Submission Deadline  
June 10

### KEYNOTE SPEAKERS

Prof. Ömer Aydan, University of the Ryukyus, Japan

Prof. Guanghsu Chang, Georgia Southern University, USA

Prof. Jesus Toribio, University of Salamanca, Spain

### PLENARY SPEAKER

Prof. Nao-aki Noda, Kyushu Institute of Technology, Japan

### TOPICS

- \*Smart materials
- \*Application of smart materials, structures and related technology
- \*Fundamentals of smart materials
- \*Intelligent systems, integrated with sensors, actuators and controllers, applied to automation and robotic systems that utilize smart material systems
- \*Modeling/formulation and characterization of smart actuators, sensors and smart material systems
- \*Smart material systems that utilize biomimetics and bioinspiration
- \*Smart materials utilized as sensors and actuators with applications at any scale
- \*Smart optical materials for modification in spectral shifts and refractive index shift
- \*Trends and development in composite materials, intelligent hydrogels, interfacial phenomena, phase boundaries and boundary layers of phase boundaries, control, micro- and nano-systems, electronics

#### Language

English is the official language. Paper should be prepared and presented in English.

#### Requirement

FULL PAPER (no less than 4 Full Pages) submission is required for Publication and Presentation.

ABSTRACT (200-400 words) submission is required for Presentation Only without Publication.