



11th Asia-Pacific Microscopy Conference

33rd Microscopy Society / 39th Anatomy Association - of Thailand Annual Conference

APMC11
MST33/AAT39
Phuket, Thailand May 23-27, 2016



Call for Papers

The **APMC11/MST33/AAT39** will take place at Phuket Graceland Resort and Spa, Phuket, Thailand, from May 23 to 27, 2016. Phuket is Thailand's largest island and is widely known as a tourist attraction. It is world renowned as the "Pearl of the Andaman Sea" for its clean white sandy beaches and crystal clear blue sea.

For presentation at the conference, interested authors are encouraged to submit their new advances and research results in the fields of microscopy and technology of biological and physical sciences, anatomical sciences, techniques and instrumentation. Topics of interest for submission include, but are not limited to:

Physical Sciences, Techniques and Instrumentation

Low-Dimensional Nanomaterials: Dots, Wires and Sheets
Semiconductors and LSI Device Materials
Surface, Interfaces and Grain Boundaries and Coatings
Metals, Alloys and Steels
Ceramics and Inorganic materials
Amorphous Materials and Quasicrystals
X-ray Analysis of Geological/ Mineralogical Materials
Novel Applications to Materials Science and Engineering
Biomass Materials
Mineral Geochronology & Isotope Characteristics by X-ray & Ions
Microscopy and Microanalysis in Industry
Advances and Applications of Atomic Resolution Electron Microscopy
SEM, VPSEM and He SIM Imaging and Instrumentation
New Methods in Diffraction and Imaging
Advances in Electron and X-ray Spectroscopy
In Situ Dynamics in TEM and SEM, Environmental Microscopy
EBSD of Synthetic and Natural Materials
Advanced Light-Optical Microscopy
Scanning Probe Microscopy
Atomic Probe Microscopy
Theoretical Modelling and Analysis in Electron Microscopy
Teaching Microscopy: On-line, Hands-on & Remote
Surface Microscopy with LEEM, PEEM, UHV-SEM, REM and SREM
Advances and Applications of Electron Energy loss Spectroscopy

Life Sciences and Anatomical Sciences

Cryo-Electron Microscopy of Single Particles
Cellular Electron Tomography
Cell and Tissues Structures
Advanced Techniques in Biological Sample Preparation and Observation
Confocal and other Microscopies in Biomedical Sciences
Diagnostic Microscopy Applications in Medicine
Mass Spectrometry
Microscopy of Microorganisms and Diseases
Neuroscience
Stem Cell and Cancer Biology
Applied and Clinical Anatomical Sciences
Teaching Anatomy: On-line, Hands-on & Remote
Aging Science
Cognitive Science
Surgical and Clinical Anatomy
Cell Biology

Materials: Techniques & Applications:

Ze Zhang
Makoto Shiojiri
Annop Klamcheun
Takeshi Yanagida
Luu Tien Hung
Jin Zou
Hideyuki Takahashi
Naoya Shibata
Mitsutaka Haruta
Kazutaka Mitsuishi

Instrumentation and Developments:

Nobuo Tanaka
Kenji Tsuda
Masahiro Kawasaki
Chris Boothroyd
Vilém Neděla
Ing Eva Tihlaříková
Yoshifumi Oshima
Masanori Koshino
Chaiyasit Banjongprasert
Futoshi Iwata

Life Sciences:

José Carrascosa
David Bhella
Paula da Fonseca
Pakorn Kanchanawong
Steeve Boulant
Keisuke Ohta
David Becker
Mark Douglas
Scott Cummins

Anatomical Sciences:

Ong Wei Yi
Gavin Reynolds
Cheng-Han Yu
Wojciech Pawlina
Kem A. Rogers
Sonya Van Nuland
Akihito Ishigami
Meechai Srisai
Pasuk Mahakkanukrauh



Stephen Pennycook

Pavel Hozak

Joachim Mayer

Keynote speakers

Confirmed Symposia Speakers

Organized by:

- Department of Anatomy, Faculty of Science, Mahidol University
- Department of Anatomy, Faculty of Medicine Siriraj, Mahidol University
- Microscopy Society of Thailand (MST)
- Anatomy Association of Thailand (AAT)

The abstract deadline is **March 31, 2016**

Abstracts must be submitted to
<http://www.apmc11.org>

Acceptance notifications will be sent out
by **April 20, 2016**.