

November 9-11, 2018

Nanyang Executive Centre, Singapore

Address: Add: 60 Nanyang View, Singapore 639673

<http://www.ntu.edu.sg/NEC/Pages/default.aspx>

2018 the 2nd International Conference on Robotics and Mechantronics (ICRoM 2018)

2018 the 2nd International Conference on
Automation and Mechatronics Engineering
(ICAME 2018)

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UMERR
Mechanical Engineering and
Robotics Research

Agenda Overview

Friday, November 9, 2018

10:00-17:00 Participants check-in & Materials Collection—Lobby

Saturday, November 10, 2018

Venue: Lecture Room 6

09:00-09:05 **Opening Remark**
Prof. Meng Joo Er, Nanyang Technological University, Singapore

Speaker I

09:05-09:45 **Prof. Youmin Zhang, Concordia University, Canada**
Speech Title: New Developments on Fault Detection and Diagnosis (FDD), Fault-Tolerant Control (FTC), and Fault-Tolerant Cooperative Control (FTCC) of Unmanned Systems

Speaker II

09:45-10:25 **Prof. Andrew Ragai Henry Rigit, Universiti Malaysia Sarawak, Malaysia**
Speech Title: Feasibility of Non-Thermal Plasma Assisted Semiconductor Material Synthesis for Thermoelectric, Photovoltaic and Energy Applications

10:25-10:50 **Coffee Break and Group Photo-Foyer**

Speaker III

10:50-11:30 **Prof. Meng Joo Er, Nanyang Technological University, Singapore**
Speech Title: Cognitive Robotics: Recent Developments and Futuristic Trends

Speaker IV

11:30-12:10 **Prof. Christos Spitas, Nazarbayev University, Kazakhstan**
Speech Title: High-performance Actuation Technologies for Mechatronic Systems, Including Multi-DOF Vibration Test Beds, Robotics and Space Satellites

12:10-13:30 **Lunch at Club House**

Speaker V

13:30-14:10 **Assoc. Prof. Rosli Bin Ahmad, Universiti Tun Hussein Onn Malaysia, Malaysia**
Speech Title: New Lightweight Magnesium Alloys, Some Recent Developments and Potential Opportunities

Parallel Sessions

14:10—15:10 **Session 1 (Part A): Materials and Mechanical Engineering**
Lecture Room 6 RM009 RM107 RM101 RM103

14:10—15:10 **Session 2 (Part A): Robot Development and Mechanical Control Technology**
Seminar Room 2 RM008 RM1022-A RM1029 RM1015

15:10—15:30 *Coffee Break-Foyer*

15:30—16:45 **Session 1 (Part B): Materials and Mechanical Engineering**
Lecture Room 6 RM1013 RM1026-A RM1010-A RM1027 RM1028-A

15:30—16:45 **Session 2 (Part B): Robot Development and Mechanical Control Technology**
Seminar Room 2 RM005 RM1014 RM1017 RM1020 RM1024

17:30—19:30 *Dinner at Club House*

Sunday, November 11, 2018

One Day Tour in Singapore

Instructions

Registration Guide:

Arrive at the Conference Venue→Inform the conference staff of your paper ID→Sign your name on the Participants List→Check your conference materials.

Checklist:

1 receipt, 1 name card, 1 printed conference abstract, 1 lunch coupon, 1 dinner coupon, 1 computer bag, 1 USB stick (paper collection).

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation:

Regular Oral Session: 15 Minutes of Presentation including 2-3 Minutes of Q&A

Notice:

*Certificate of Listener can be collected in the registration counter.

*Certificate of Presentation can be collected from the session chair after each session.

*The organizer will not provide accommodation, so we suggest you make an early reservation.

*One best presentation will be selected from each session. The best one will be announced when each session ends, and will be awarded by the session chair after each session in the meeting room.

Contact:

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ICAME 2018

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