

# ICAMPS 2020

# E-Conference

## The 1<sup>st</sup> International Conference on Advanced Materials for Printed Electronics and Sensors (ICAMPS 2020)

10-11 SEPTEMBER 2020, FACULTY OF SCIENCE  
CHIANG MAI UNIVERSITY, CHIANG MAI, THAILAND

### Plenary Speakers



**Prof. Dr. Yasuhiro Shimizu**  
Editors-in-Chief  
Sens. Actuators B Chem.  
Nagasaki University,  
Nagasaki  
JAPAN



**Prof. Dr. Nicolae Barsan**  
Institute for Physical and  
Theoretical Chemistry,  
University Tübingen,  
GERMANY



**Dr. Jupiter Hu**  
Deputy General Director  
of Electronic and  
Optoelectronic System  
Research Laboratories,  
TAIWAN



**Dr. Adisorn Tuantranont**  
National Security and  
Dual-use Technology  
Center (NSD), NSTDA  
THAILAND

### Invited Speakers

### Conference topics A : Gas sensor and Biosensors for Sustainable Life



**Assoc. Prof. Dr. Jaroon Jakmunee**  
Chiang Mai University



**Assoc. Prof. Dr. Rina Patramanon**  
Khon Kaen University



**Assoc. Prof. Dr. Satreerat Hodak**  
Chulalongkorn University



**Dr. Anurat Wisitsoraat**  
NSD, NSTDA



**Dr. Kata Jaruwongrungee**  
NECTEC, NSTDA

Oral and poster presentations will cover the following topics, without being restricted to them:

- **A1:** Sensing materials for Chemical Sensors (included Materials Characterizations, Mechanisms, Modeling and Simulation)
- **A2:** Sensing materials for Biosensors (included Mechanisms, Modeling and Simulation)
- **A3:** Sensing for Diagnostics and Healthcare
- **A4:** Sensors for Security and Safety Applications (included Flexible, Stretchable and Wearable Sensors)
- **A5:** Applications of Chemical Sensors (included Chemical Sensor Systems and Manufacturing)

### Invited Speakers

### Conference topics B : Printed Electronics and Devices for Sustainable Energy



**Asst. Prof. Dr. Burapat Inceesungvorn**  
Chiang Mai University



**Assoc. Prof. Dr. Aparporn Sakulalavek**  
King Mongkut's Institute of  
Technology Ladkrabang



**Asst. Prof. Dr. Teerakiat Kerdcharoen**  
Mahidol University



**Dr. Pisit Kumnorakaw**  
NANOTECH, NSTDA



**Mr. Chakrit Sriprachuabwong**  
NSD, NSTDA

Oral and poster presentations will cover the following topics, without being restricted to them:

- **B1:** Perovskite and Emerging Solar Cell Technologies
- **B2:** Photocatalysts for Sustainable Energy
- **B3:** Thermoelectric Materials and Flexible Thin Films for Energy Conversion Devices
- **B4:** Printed Electronics Technology for Energy Storage
- **B5:** Flexible IoT Devices for Medical and Agricultural Applications

### Invited Speakers

### Conference topics C : Advanced Materials for Biomedical Applications



**Asst. Prof. Dr. Winita Punyodom**  
Chiang Mai University



**Assoc. Prof. Dr. Pakorn Opaprakasit**  
Thammasat University



**Assoc. Prof. Dr. Panya Sunintaboon**  
Mahidol University



**Assoc. Prof. Dr. Chiravoot pechyen**  
Thammasat University



**Dr. Chanpen Karuwan**  
NSD, NSTDA

Oral and poster presentations will cover the following topics, without being restricted to them:

- **C1:** Recent Developments in Polymer Design and Synthesis
- **C2:** Polymer Processing and Printing
- **C3:** Polymer Nanostructures and Nanocomposites
- **C4:** Bioplastics and Polymers for Sustainability
- **C5:** Biomedical Polymers and Medical Devices

### Registration :

• Registration for ICAMPS 2020 is now open. Please visit the conference website: <http://www.icamps2020.science.cmu.ac.th> or QR code →

• Registration fees for regular participants (both full and reduced students' fees) include access to all events of the conference.

• All presenters must register for the conference and pay the conference fee by September 5<sup>th</sup> 2020 at the latest for an abstract to be included into the conference e-book.



REGISTRATION FEE	Early Bird Registration Deadline	Regular Registration Deadline
Regular (Presenter)	2,000 baht	2,500 baht
Students (Presenter)	1,500 baht	2,000 baht
Attendee (Non-Presenter)	1,000 baht	1,500 baht

### Publications :

All manuscripts submitted to conference will be selected under peer-review for publication in special issues of Chiang Mai Journal of Science, Surface Review and Letters and more to be announced.

### Contact person for organizing detail :

**Assoc. Prof. Dr. Chaikarn Liewhiran**  
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Science, Faculty of Science, CMU  
Email : [icamps2020@gmail.com](mailto:icamps2020@gmail.com)  
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