

General Information

AUN/SEED-Net Regional Conference in Materials Engineering and the 5th International Conference on Advanced Materials and Nanotechnology (ICAMN2022) will be held in Hanoi, Vietnam on 16th-19th November 2022 as a continuation of our successful ICAMN conference series. The conference is among activities to celebrate the 30th anniversary of the International Training Institute for Materials Science (ITIMS). **The conference will be held in hybrid mode, i.e., online and on-site** at HUST to give flexibility to overseas participants who might have difficulty visiting Vietnam due to travel restrictions.

ICAMN2022 will feature a plenary session, parallel topical sessions and poster sessions. The conference presents cutting-edge reports on the advanced nanomaterials, nanotechnologies, and nanodevices as one of the decisive factors in putting forward the development of the fourth industrial revolution.

Topics (not limited)

- **Magnetism, topological insulators and superconductors:** This will focus on novel magnetism, high-T_c superconductors, insulators, spintronics, magneto-optics, magnetic recording, hard and soft magnets, ferroelectrics, piezoelectrics and multiferroics.
- **Advanced materials and functional devices:** This session will address advanced functional materials for environmental monitoring and applications, solution processing of nanostructured oxides, hybrid and materials with specific functionalities and their assembly into functional components.
- **Micro- and nanotechnology and applications:** This session will deal with the processing, characterization and utilization of nano-scaled materials, devices, and systems, exhibiting novel and significantly enhanced physical, chemical, and biological properties functions, phenomena, and processes for environmental, biomedical, electronic and process, industrial applications, current challenges in nanotechnology.
- **Photonics and semiconductor nanophysics:** This session will offer an overview and forum for nanophysics and photonic materials with enhanced and/or novel functionalities for applications in optoelectronics, photovoltaics, photoelectrochemical, energy harvesting and storage devices and materials. The topics will also cover light control, advanced materials for luminescence.

Call for Papers

It is our pleasure to invite you, the scientists, researchers, engineers and practitioners in the related areas to send your abstracts for the ICAMN2022 to be held from 16th - 19th November 2022 in Hanoi, Vietnam. We hope that you can take this opportunity to share your latest ideas or results in the field of Advanced Materials and Nanotechnologies and experience the beauty and culture of Vietnam. Through this conference we hope to expand our international collaboration networks.

The ICAMN2022 emphasizes specially, but not limited to, several topics including magnetism, topological insulators and superconductors, advanced materials and functional devices, Micro- and nanotechnology and applications, 2D materials, energy storage and conversion, photonics and semiconductor nanophysics, sensor fundamentals, sensor system etc.

Language

The official language in the conference is English.



Sponsors

We are calling for sponsorship.

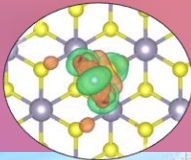
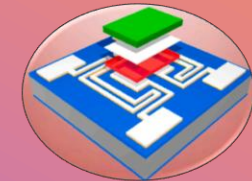
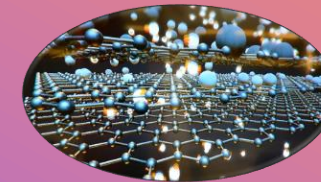
Please contact us at Email: ndhoa@itims.edu.vn



<https://icamn2022.itims.edu.vn/>

ICAMN2022

16th - 19th November 2022



Organizers

International Advisory and organizing Committee

- Dojin Kim, Chungnam National University, Korea
- Masayoshi Esashi, Tohoku University, Japan
- Anne de Visser, University of Amsterdam, The Netherlands
- Soon-Gil Yoon, Chungnam National University, Korea
- Van An Dinh, Osaka University, Japan
- Kengo Shimano, Kyushu University, Japan
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- Maurizio Ferrari, Italian National Research Council, Italia
- Chao-Sung LAI, Chang Gung University, Taiwan
- Ho Won Jang, Seoul National University, Korea
- Yasuhiro Shimizu, Nagasaki University, Japan.
- Sunglea Cho, University of Ulsan, Korea
(*tobe updated*)

Conference Chair

- Huynh Dang Chinh, Vice-president, Hanoi University of Science and Technology, Vietnam
- Nguyen Duc Chien, Chair of Vietnam Materials Research Society
- Nguyen Phuc Duong, Director of ITIMS, Hanoi University of Science and Technology, Vietnam

Local organizing

- Nguyen Duc Hoa, Vice-director ITIMS, Hanoi University of Science and Technology, Vietnam
- Nguyen Duc Trung Kien, Vice-director ITIMS, Hanoi University of Science and Technology, Vietnam

Secretariat

- Chu Thi Xuan (xuan@itims.edu.vn)
- Bui Thi Hang (hang@itims.edu.vn)
- Dang Thi Thanh Le (thanhle@itims.edu.vn)

Publication

Abstracts and accepted papers will be published in the Conference Proceedings dedicated to the 30th anniversary of the International Training Institute for Materials Science (ITIMS). Selected papers will be published in Journal of Science and Technology <https://jst.hust.edu.vn/>

Important Dates

Deadline for abstract submission:	June 01, 2022
Notification of abstract acceptance:	July 28, 2022
Deadline for Proceedings manuscript submission:	August 20, 2022
Notification of Proceedings manuscript acceptance:	September 05, 2022
Deadline for registration:	September 30, 2022
Deadline for manuscript submission to Journal:	October 01, 2022

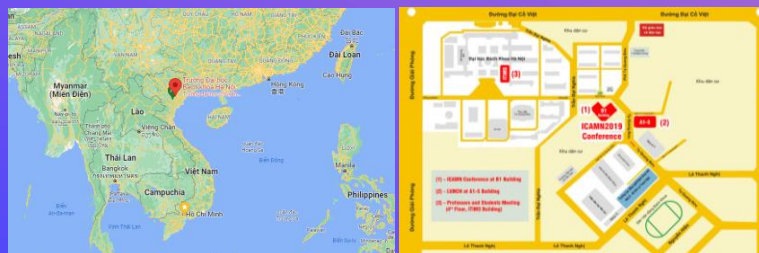
Registration

Invited speakers/Regular participant: 350 US\$
Students: 100 US\$
Company participant: 1000 US\$
Accompanying person: 350US\$
Vietnamese: 1.500.000 VND (partly supported by government).
This information is for early registration, information for late registration is shown in the conference website:

<https://icamn2022.itims.edu.vn/>

Conference Venue

Hanoi University of Science and Technology,
1 Dai Co Viet Road, Ha Noi, Viet Nam



Directions

- ✓ 30km/35-minute drive (taxi) from Noi Bai International Airport
- ✓ 0.5km/15-minute walking from Hanoi Railway Station
- ✓ We provide pick-up taxi from Noi Bai International Airport upon requested

Correspondence

Please refer to the ICAMN2022 website for more detailed information (<https://icamn2022.itims.edu.vn/>):

If you have any queries, please contact the

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