

The 20th International Conference on the Physical Properties and Application of Advanced Materials (ICPMAT2026)

(In conjunction with the second International Conference on Advanced Materials and Technologies (ICAMT2026))

1st Announcement

Introduction

The International Conference on the Physical Properties and Application of Advanced Materials (ICPMAT) is an annual conference was founded by University of Toyama (Japan) and Japan Institute of Metals and organized by a selected host country within its international collaboration network. These include Kyungpook National University (Republic of Korea), Shandong University (China), Chiang Mai University (Thailand), and Hanoi University of Science and Technology (Vietnam). The conference further brings together contributions from a broad spectrum of universities and research institutes in Europe, including the Technical University of Košice (Slovakia), AGH University of Science and Technology (Poland), and the Norwegian University of Science and Technology... The conference will focus on fundamental and applied research and current developments within physics and materials science, including raw materials, structural materials, functional materials, advanced characterization techniques and computational materials science.

ICPMAT 2026 serves not only as a high-level academic forum, but also as a global networking platform that brings together scientists, academics, and materials experts from around the world. Through plenary and invited lectures, specialized technical sessions, and in-depth discussions on research and technological applications, the conference aims to identify strategic directions and propose innovative solutions for the sustainable development of materials science, thereby contributing to shaping the future trajectory of discipline at both regional and international levels.

In parallel with ICPMAT, the International Conference on Advanced Materials and Technologies (ICAMT) is a biennial scientific event initiated by the School of Materials Science and Engineering, Hanoi University of Science and Technology, in 2024. ICAMT builds upon the successful legacy of a series of well-established international conferences, including ICAMN 2012, ICAMN 2014, ICAMN 2016, ACCS 2017, NSCTEX 2022, and ICAMN 2022, which were organized by the School of Materials Science and Engineering. Over successive editions, ICAMT has attracted strong participation from the international scientific community. Notably, ICAMT 2024 brought together more than

200 researchers and scholars, including distinguished experts from Japan, the Republic of Korea, Italy, Sweden, China, Germany, and other countries.

With the objective of expanding international impact and further enhancing the scale and academic excellence of both conferences, in 2026 the School of Materials Science and Engineering plans to jointly organize ICPMAT & ICAMT as a large-scale international scientific event. This joint conference is expected to serve as a major platform for consolidating and strengthening national and international research networks in the fields of materials science and advanced technologies.

The Conference will be held in Hanoi University of Science and Technology, Hanoi, Vietnam from July 23-25th, 2026. The ICPMAT&ICAMN 2026 is expecting scientists, researchers and other participants from the Asian and around the world as a good opportunity to strengthen the relation and cooperation. Please note the important dates given below.

Call for abstracts

An abstract (maximum 500 words) must be submitted before 31st May 2026. The conference abstracts will be distributed at the conference.

Topics

- ☐ Metallurgical Engineering
- ☐ Structural Materials (light metals, steels, deformation, etc.)
- ☐ Functional Materials (superconductors, oxides, ceramics, composites, spintronics, energy-related materials, nanomaterials, etc.)
- ☐ Computational Materials Science (finite element methods, density functional theory, MC, etc.)
- ☐ Material related technology

Important dates

Opening of abstract submission and registration	1st March 2026
Deadline for abstract submission	31st May 2026
Abstract acceptance notice:	15th Jun 2026
Deadline for conference preregistration	21st Jun 2026
Deadline for paper submission (Scientific.net)	30th Jun 2026
Conference	23 - 25th July 2026

Conference fee

Registration is required for the conference participants with registration fee of 400 USD (regular registration), and 200 USD (for student). Vietnamese affiliation will be applied a reduced price due to the support from organizer. The fee covers the attendance at the conference sessions, conference package, documentation, paper publication, coffee breaks, lunches and banquet. However, hotel charge and breakfast are not included. Full papers, either for oral or poster presentations, submitted by the deadline and compliant with the paper template have been published in Materials Science Forum or Key Engineering Materials (<https://www.scientific.net/>) with SCOPUS indexed after peer-reviewed by Scientific board. The additional charge for the publication (80 EURO/paper) will be appreciated.

Contact information

Conference secretariat:

TEL: +84-983030011

e-mail: icpmat-icamt@hust.edu.vn

Conference website

<https://icpmat-icamt.hust.edu.vn/>

Venue

The conference will take place at the campus of Hanoi University of Science and Technology

No.1, Dai Co Viet street, Hai Ba Trung, Hanoi, Vietnam.

Academic and social program (tentative)

Wednesday, 22 July

Registration

Thursday, 23 July

Oral presentations, Lunch, Conference Banquet

Friday, 24 July

Oral presentations, Poster session, Lunch, Dinner

Saturday, 25 July

Technical Tour (around 1 day)

Sunday 26 July

Departure

Chairperson:

H. T. Hai – Hanoi University of Science and Technology, Vietnam

Co-Chairpersons:

Y. Takeguchi – University of Toyama, Japan

I. J. Son – Kyungpook National University, Korea

N. D. Hoa – Hanoi University of Science and Technology, Vietnam

P. M. Khanh – Hanoi University of Science and Technology, Vietnam (Permanent Member)

Chunjoong Kim, Chungnam National University, Korea

Honorary Chairpersons:

H. D. Chinh – President of Hanoi University of Science and Technology, Vietnam

S. Saito – President of University of Toyama, Japan

Organizing Committee:

K. Matsuda – University of Toyama, Japan

S. W. Lee – University of Toyama, Japan

H. Ono – University of Toyama, Japan

T. Shibayanagi – University of Toyama, Japan

N. Nunomura – University of Toyama, Japan

T. Aida – University of Toyama, Japan

M. Yoshida – University of Toyama, Japan
T. Yamane – University of Toyama, Japan
T. Namiki – University of Toyama, Japan
H. Mashahiko – University of Toyama, Japan
T. Tsuchiya – University of Toyama, Japan
I. J. Son – Kyungpook National University, Korea
Y. Zou – Shandong University, China
G. H. Min – Shandong University, China
P. C. Si – Shandong University, China
I. Mullerova – The Czech Academy of Sciences, Brno, Czech Republic
R. Holmestad – Norwegian University of Science and Technology, Norway
M. Lewandowska – Warsaw University of Technology, Poland
M. Stygar – AGH University of Science and Technology, Poland
C. Banjongprasert – Chiang Mai University, Thailand
K. Pimraksa – Chiang Mai University, Thailand
G. J. Shiflet – University of Virginia, USA
M. Murayama – Virginia Tech, USA
N. T. Liem – Hanoi University of Science and Technology, Vietnam
L. T. Hung – Hanoi University of Science and Technology, Vietnam
N. P. Duong – Hanoi University of Science and Technology, Vietnam
D. A. Vu – Hanoi University of Science and Technology, Vietnam
B. A. Hoa – Hanoi University of Science and Technology, Vietnam
N. V. Quy – Hanoi University of Science and Technology, Vietnam
P. T. Thao – Hanoi University of Science and Technology, Vietnam
P. A. Tuan – Hanoi University of Science and Technology, Vietnam
N. H. Viet – Hanoi University of Science and Technology, Vietnam
P. H. Vuong – Hanoi University of Science and Technology, Vietnam
N. D. Lam, Institute of Materials Science, Vietnam Academy of Science and Technology (VAST)
N. Q. Anh, Institute of Chemistry, Vietnam Academy of Science and Technology (VAST)
C. K. Son, School of Chemical and Life Sciences, Hanoi University of Science and Technology (HUST)
N. H. Lam, Faculty of Engineering physics, Hanoi University of Science and Technology (HUST)

N.T. Chung, Faculty of Mechanical Engineering, Le Quy Don University

D.V. Duong, Phenikaa University

L. A. Tuan, Phenikaa University

N. V. Hieu, Phenikaa University

N. N. Dinh, Hanoi University of Science, VNU

N. D. Nam. Vietnam Maritime University, VMU

To be updated

Secretary board:

N. H. Viet – Hanoi University of Science and Technology (General Secretary)

T. V. Trung – Hanoi University of Science and Technology, Vietnam

L. T. Bang – Hanoi University of Science and Technology

H. M. Tan – Hanoi University of Science and Technology

N. H. Anh – Hanoi University of Science and Technology

D.T.T. Nguyet – Hanoi University of Science and Technology

To be updated