



HỘI NGHIÊN CỨU BIÊN TẬP CÔNG TRÌNH  
KHOA HỌC VÀ CÔNG NGHỆ VIỆT NAM  
VIETNAM ASSOCIATION OF SCIENCE EDITING

**THE INTERNATIONAL CONFERENCE  
ON  
ADVANCED MECHANICAL ENGINEERING, AUTOMATION  
AND SUSTAINABLE DEVELOPMENT 2021  
AMAS2021**

**Special Edition International Conference on Material,  
Machines and Methods for Sustainable Development  
(MMMS2021) On the Occasion of the 55th Anniversary of  
the Hung Yen University of Technology and Education**

**Time:** November 04-07, 2021

**Location:** Ha Long, Quang Ninh, VIETNAM

**FIRST CALL FOR PAPER**

**AMAS2021 - The International Conference on Advanced Mechanical Engineering, Automation and Sustainable Development 2021 (AMAS2021)** will be held in the majestic Ha Long city of Quang Ninh province, Vietnam on November 04-07, 2021. The event is hosted by Hung Yen University of Technology and Education (UTEHY) in collaboration with the Vietnam Association of Science Editing (VASE), Kyungpook National University (KNU-Korea), Sun Moon University (SMU-Korea), Nagaoka University of Technology (NUT-Japan), Feng Chia University (FCU-Taiwan), National Central University (NCU-Taiwan), National Kaohsiung University of Science and Technology (NKUST-Taiwan) and Council of Asian Science Editors (CASE).  
Researchers, policy makers, industry, practitioners and students from all countries are welcome.

AMAS2021 is a special edition of International Conference on Material, Machines and Methods for Sustainable Development (MMMS) that had been held very successfully at the NALOD Hotel in Danang (MMMS2018) and in the charming Nha Trang city (MMMS2020)  
MMMS2018 - the 1st International Conference - has obtained a great success with almost 500 participants from 10 countries and resulted in 130 proceeding publications and 70 international journal papers by Trans Tech Publications.  
MMMS2020 - the 2nd International Conference - has obtained a great success more than 300 participants and resulted in 150 selected, peer-reviewed proceeding publications on the Lecture Notes in Mechanical Engineering (SCOPUS-Springer).

**Reference to the conferences can be found on:**

<http://mmms2018.hust.edu.vn/>

<https://vase.com.vn/events/mmms2018>

<https://vase.com.vn/events/mmms-2020-thong-bao/>

<http://mmms.hust.edu.vn/category/show/id/1>

**CONFERENCE AIMS**

The purpose of the conference is to explore and ensure an understanding of the critical aspects which contributed to sustainable development, especially advanced mechanic engineering, automation, materials, machines and methods. From such understanding, the conference aims at an overall approach to assist policy makers, industries and researchers at various levels to position the local technological development towards sustainable development in the global context, to assist decision making towards a greener approach especially for advanced mechanic engineering, automation, material, machines and methods.

Researchers, policy makers, industry, practitioners and students from all countries are welcome to participate and submit papers to the conference topics.

## TOPICS

The topics of the conference include, but are not limited to, the following:

- Mechanical engineering, automation
- Electricity, electronics and communications
- Information technology
- Materials science
- Energy management
- Renewable energy, alternative fuels
- Sewing technology and fashion
- Industrial production system
- Chemical technology, food and environment
- Economy, finance

## IMPORTANT DATES

- 15/05/2021: Deadline for submission of abstract
- 15/06/2021: Notification of abstract acceptance
- 15/07/2021: Deadline for full paper submissions
- 15/09/2021: Notification of final paper acceptance
- 01/10/2021: Registration open
- 15/10/2021: Final program and Instructions for Participants
- 04-07/11/2021: Conference

## GUIDELINES FOR ABSTRACT SUBMISSION

Abstracts, of a maximum of 400 words, should be submitted to the conference page and should indicate the topic and whether they relate to a poster, paper.

## PUBLICATION POLICY

Participants can choose to present their work in form of a full paper or a poster.

All submitted work will be published in the conference proceedings with ISBN.

Papers presented in AMAS2021 will be published after peer-review in a selected journal series by Springer Proceedings Indexed by Scopus. Authors are encouraged to follow strictly the publications ethics for scientific publishing.

## CONFERENCE CHAIR

### Prof. Banh Tien Long

Former Deputy Minister of Education and Training.

Former president of the Council of Asian Science Editors (CASE)

President of the Vietnam Association for Science Editing (VASE).

The Chair of the Council for the National title promotion of Professor of Mechanical and Transport Engineering.

Vice President of Vietnam Federation of Mechanical Engineering Associations.

## CONFERENCE CO-CHAIR

### Assoc. Prof. Bui Trung Thanh

President of Hung Yen University of Technology and Education, Vietnam

### Prof. Kim Yun Hea

Professor in Ocean Advanced Materials Convergence Engineering

ex-Acting President of Korea Maritime & Ocean University, Korea (KMOU)

Visiting Professor, Naval Postgraduate School (NPS), USA

Vice President of The Korean Society for Composite Materials

Editor-in-Chief of Nano Hybrids Composites

### Prof. Nguyen Duc Toan

Vice President of the Vietnam Association for Science Editing (VASE).

Hanoi University of Science and Technology

### Assoc. Prof. Nguyen Thi Hong Minh

Vice President of the Vietnam Association for Science Editing, Vietnam

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