



THE FOURTH INTERNATIONAL CONFERENCE

ON MATERIAL, MACHINES, AND METHODS
FOR SUSTAINABLE DEVELOPMENT

Research Development in Industrial Material,
Machining and Methods towards Sustainability

September 19-22, 2024

Da Nang city, Vietnam



The event is hosted by the Vietnam Association for Science Editing (VASE) in collaboration with Phenikaa University (PU), Hanoi University of Science and Technology (HUST), Kyungpook National University (KNU-Korea), Nagaoka University of Technology (NUT-Japan), Vietnam Federation of Mechanical Engineering Associations (VFMEA) and Council of Asian Science Editors (CASE). The first event organized in 2018 has obtained great success with almost 500 participants from 10 countries and resulted in 130 proceedings publications and 70 international journal publications. Since then, the conference series has been organized biannually in 2020, 2022 with a growing reputation and attracted great attention from international scientists, leaders and industrial partners worldwide.

THE CONFERENCE

The Fourth International Conference on Material, Machines, and Methods for Sustainable Development (MMMS2024) will provide an excellent international forum for sharing knowledge and results in theory, methodology, and applications impacts and challenges which contributed to sustainable development, especially materials, machines, and methods. The conference documents practical and theoretical results which make a fundamental contribution to the development in the fields of Mechanical Engineering, Material Science, Circular Economy. The aim of the conference is to provide a platform for researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the field.

Researchers, policymakers, industry, practitioners, and students from all countries are welcome to participate and submit papers to the conference topics. Scientific papers will go through double peer-review process by international scientific committee. The conference proceedings will be published with international publishers (Springer or ISI journal). Renowned and reputable international scientists were invited to speak at the conference.

TOPICS

- Advanced Materials, Material Applications Towards Sustainability: Eco-friendly Materials, Bio/Recyclable Materials, Smart Materials and Systems, Additive manufacturing for sustainable and efficient material production, Materials processing technology for sustainable manufacturing, Metal forming, casting and welding for sustainable manufacturing.
- Materials Machining and Processing Technologies for the Reduction of Environmental Impact: Conventional Processes, Advanced Processes, Energy Saving and Waste Control in Manufacturing Processes.
- Life Cycle Engineering: Quality Control, Life Cycle Analysis, Impact Assessment, Control for Machines and Processes, Industrial Systems Engineering Towards Sustainability, Precision Engineering and Smart Instruments.
- Sustainable Machine Design: Smart Mechatronics, Intelligent Equipment, Smart Devices, CAD/CAM/CAE, Maritime, Logistic Engineering, Robotics, Intelligent Equipment and Automations, Biomedical Engineering, Biomechanics.
- Low Carbon Industry, Circular Economy, Efficient Systems, Energy Efficiency and Energy Saving, Renewable Energy, Alternative Fuels.
- AI in Material and Mechanical Engineering: Information Systems, Software Engineering, Computer Network and Security, Internet of things and Smart Cities, Intelligence Systems, Parallel and Distributing Computing, High-Performance Computing, Data Mining and Big Data, Telecommunications Systems.
- Education Technology: The theory and practice of educational approaches to learning, the technological tools assist in the development and communication of knowledge...

THE CITY OF DA NANG

Da Nang is a coastal city in central Vietnam known for its sandy beaches and history as a French colonial port. It's a popular base for visiting the inland Bà Nà hills to the west of the city. Here the hillside Hải Vân Pass has views of Da Nang Bay and the Marble Mountains. These 5 limestone outcrops are topped with pagodas and hide caves containing Buddhist shrines.

The Mỹ Khê, Mỹ An and Non Nước beaches are home to upscale resorts, and Non Nước also has a stone-carvers' village. Colorfully lit bridges span the Hàn River, and the Dragon Bridge breathes fire and water from its mouth on weekends. The Museum of Cham Sculpture houses 5th–15th-century Hindu carvings. At Han Market, shoppers can buy silk paintings and local street food specialties, including the city's signature Mì Quảng noodle dish. On the forested Sơn Trà peninsula are the Lady Buddha Da Nang statue and Linh Ứng Bai But Pagoda with sweeping views across the sea and city.

GUIDELINES FOR SUBMISSION

Abstracts and full papers should be submitted using the online submission system on the conference website. The authors should indicate the topic of the abstracts/full paper and whether they relate to a poster or paper presentation. It is required to use the proper abstract/ full paper templates provided on the conference website.

PUBLICATION POLICY

Participants can choose to present their work in the form of a full paper or a poster. Authors are encouraged to follow strictly the publications ethics for scientific publishing (COPE). Papers presented in MMMS2024 will be published after peer-review in a selected journal series.

- Modern Physics Letters B – MPLB (ISI journal)
- Lecture Notes in Mechanical Engineering – LNME (Springer Proceedings Indexed by Scopus)
- Journal of the Korean Society for Precision Engineering (Scopus Journal)
- Engineering and Technology for Sustainable Development/Smart Systems and Devices – Journal of Science and Technology

CONTACT US

- Email: mmms@hust.edu.vn
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- Website: <http://mmms.hust.edu.vn>

CONFERENCE FEES

- Registration until 20/07/2024: 200 USD
- Registration after 20/07/2024: 250 USD
- Student registration: 150 USD
- Research groups and VASE members are welcome to join with lower fee. Please contact us for more details.

The fees include admission to all scientific sessions, the publication of 1 paper in the conference proceedings, conference materials, coffee breaks, and lunches, social events. Each paper to be published should have at least one registered author whose participation fee has to be paid by 20/07/2022.

IMPORTANT DATES

- 14/02/2024: Deadline for submission of abstract
- 15/03/2024: Notification of abstract acceptance
- 01/05/2024: Deadline for full paper submissions
- 01/07/2024: Notification of final paper acceptance
- 05/07/2024: Registration open
- 15/08/2024: Final Program and Instructions for Participants
- 19-22 /09/2024: Conference



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