



ASMaS 2021

The 1st International Conference on Advanced Smart Materials and Structures 2021

July 7th – 9th, 2021

Ton Duc Thang University, Ho Chi Minh city, Vietnam

<http://asmas2021.tdtu.edu.vn>

General Information

ASMaS-2021 is organized to create a high-quality academic exchange forum between domestic and foreign scientists on new and advanced research achievements in the fields of science, engineering, and technology.

Paper Publication Opportunities: The high-quality papers will be invited to expand and submit to the special issues of one of the following journals:

- Journal of Intelligent Material Systems and Structures (ISI)
- Smart Materials and Structures (ISI)
- Shock and Vibration (ISI)
- CMES-Computer Modeling in Engineering & Science (ISI)
- Journal of Advanced Engineering and Computation.

Important Dates

Abstract Submission deadline: ~~December 30th 2020~~ Jan. 30th 2021

Notification of result abstract acceptance: February 15th 2021

Full paper submission deadline: March 30th 2021

Notification of full-paper acceptance: April 30th 2021

Registration deadline: May 30th 2021

Conference date: July 7th – 9th, 2021

Venue

Ton Duc Thang University, Tan Phong campus

Call for Papers

Authors are invited to submit full papers with a maximum length of 6 pages via Conference email. The submission should describe original research works in topics and technical areas of interest including but not being limited to the following:

Mathematical Models

- Neural Networks; Fuzzy Logic; Hybrid Intelligent Models, ...

Smart Materials

- Electrorheological and Magnetorheological Fluids; Magnetorheological Materials; Shape Memory Alloys; Piezoelectric Materials; Electro-Active Polymers; Soft Functional Materials; Sensor; ...

Data Science

- Filtering noise & processing data; Evolving-data stream; Big data; Data mining; Deep learning; ...

Nonlinear Control, Automation, and Robotics

- Identification; Prediction; Control; Robotics; Bio-mechatronics; ...

Computational Mechanics and AI-based applications

- Structural analysis using smart materials; Structural Optimization; Structural health monitoring; AI-based applications for structures; ...

Conference Official Address

Institute for Computational Science (INCOS)

Ton Duc Thang University (TDTU)

No. 19, Nguyen Huu Tho street, Tan Phong ward, District 7, Ho Chi Minh city, Vietnam

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Prof. Nguyen Thoi Trung, Ton Duc Thang University, Vietnam

Keynote Speaker

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Prof. Nirwan Ansari, Newark College of Engineering, New Jersey Institute of Technology, USA

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