ASMaS 2021

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

November 3rd – 5th, 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: May 30th 2021
Full paper submission deadline: July 30th 2021
Notification of full-paper acceptance: August 30th 2021
Registration deadline: September 30th 2021
Conference date: November 3rd – 5th, 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; …

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