ASMaS 2023

The 2nd International Conference on Advanced Smart Materials and Structures
June 28th – 30th, 2023
Ton Duc Thang University, Ho Chi Minh city, Vietnam
http://asmas2023.tdtu.edu.vn

General Information

ASMaS-2023 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 Journal of Intelligent Material Systems and Structures (ISI)

Important Dates
Abstract Submission deadline: *February 15th 2023*
Full paper submission deadline: *April 15th 2023*
Notification of full-paper acceptance: *May 15th 2023*
Registration deadline: *May 30th 2023*
Conference date: *June 28th – 30th, 2023*

Call for Papers

Authors are invited to submit Abstract and Full papers with a maximum length of 6 pages via Conference email at *asmas2023@tdtu.edu.vn*. 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; …

Graphene-based Metamaterial and Structures
  ☐ Terahertz Solar Absorber; Metasurface; Biosensor; Optical Resonator; Optically Transparent Antenna; …

Data-driven decision-making
  ☐ Knowledge graph-based recommendation systems; AI-inspired big data analytics; Failure monitoring of structure using big data; Structural health monitoring and life cycle analysis; Forecasting Model in Smart Grid; …

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Prof. Seung-Bok Choi, The State University of New York, Korea
Prof. Weihua Li, University of Wollongong, Wollongong, Australia
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