



CALL FOR

PAPER/ABSTRACT

ATOMECH-1 2023

International Conference on Advanced Topics in Mechanics of Materials, Structures and Construction

<https://pmu.edu.sa/atomech1-2023>

Prince Mohammad Bin Fahd University, KSA March 5-7, 2023



PUBLICATION

All accepted papers with registration and presentation will be published in the;

1: *Materials Research Forum*, ISSN 2474-3941 (print), ISSN 2474-395X (online) Indexed in SCOPUS, CPCI (part of Web of Science),...

2: Special Issue of the journal "Mechanics of Advanced Materials and Structures" indexed in ISI Science Citation Index, Q1 with Impact Factor * 3.338 (2021).

Submission Deadline

31 January 2023

Notification Deadline

15 February 2023

Registration Deadline

28 February 2023

Submission Method

1. Online Submission System :

<https://easychair.org/conferences/?conf=atomech1>

2. Send directly to: rmaranan@pmu.edu.sa

KEY NOTES SPEAKERS



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Texas A&M University, USA



Dr. Erasmo Carrera

Politecnico di Torino, Italy



Dr. Weiqiu Chen

Zhejiang University, China



Dr. Evan J. Pineda

NASA Glenn Research Center, USA



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CONTACT US

Conference Secretary:

Email: rmaranan@pmu.edu.sa

+966 13 849 9345

Topics of interest for submission include, but are not limited to:

- Novel metamaterial structures
- Structural analysis with machine learning
- Tensor application and constitutive equation modelling in continuum mechanics and engineering design
- Intelligent monitoring of engineering structure
- Mechanics of functional materials
- Nonlinear structure mechanics and failure analysis
- Programmable gear-based mechanical metamaterials
- Multiscale analysis of structures and materials
- Future sustainable infrastructure and construction materials
- Modelling and optimization of materials manufacturing processes
- Mechanics of materials and structures produced by additive manufacturing technologies
- Numerical modelling and experimental testing of materials and structures
- Advanced construction materials in geotechnical applications, structures and foundation engineering
- Fluid-Structure interaction