Technical track: Experimental Solid/ Fluid/ Bio/ Interdisciplinary Mechanics

Session selected:

**Title of the Contributing Paper**

**Author1 Name a, Author2 Name b\*, Author3 Name a**

a Department of 1st & 3rd Author, Organization Name, City, State, Country

b Department of 2nd Author, Organization Name, City, State, Country

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This template is provided as a guide to author(s) for structuring and formatting the abstracts for contributing scientific papers for the International Conference on Experimental Mechanics 2024 at IIT Madras. **Underline the presenting author's name in the author’s list (See Author2 Name above).** The abstract should be limited to 500 words in Times New Roman 11 pts. with 1.5 line spacing in A4 size portrait. The submission should be made to the appropriate technical track and session (available in the submission portal) as a PDF. Define all symbols used in the abstract; do not mention abbreviations in a separate heading, mention them when they first arrive in the text. The 500 words abstract should be self-contained and should succinctly highlight the motivation and the importance of the work. The authors should have some initial results which should be presented in the abstract (using images with legible texts and legends) and the work proposed to be completed should be mentioned which will form part of the extended abstract (to be submitted as PDF within three months after abstract acceptance not exceeding 2 MB in size – template available at this [link](https://ge.iitm.ac.in/icem-2024/Submission.html)). All experimental results **must** be assessed and validated by statistical parameters for acceptance with error bands and uncertainties reported, wherever possible. Numerical simulations are also welcome, provided that the work contains at least 25% experimental results for justifying/validating the numerical model results. The presentation for the contributing papers will be 15 minutes followed by 5 minutes for discussions. An author’s guide for preparing the presentation slides is available at this [link](https://ge.iitm.ac.in/icem-2024/Submission.html). For every contributing paper presentation / poster, at least one author should have registered for the conference. We wish you an academically rich experience at the conference.

***Keywords:*** Mention your keywords (maximum 5) in alphabetical order and separated with a semicolon (;)