

International Conference Advanced Mechanics: Structure, Materials, Tribology

Samarkand, 23.-26. September 2024

4th Announcement

Organizer: Prof. V.L. Popov and Prof. K. Khudoynazarov

Venue: Samarkand State University

Language: English

Objectives: The Conference is devoted to interdisciplinary research of technical and biological systems considering the interrelation and interplay of their mechanical, tribological and material aspects. This includes mechanics of solids and fluids and materials science with applications in structural mechanics and tribology. Welcomed are works on analytical, numerical and experimental analysis. The goal of the conference is to review the recently established concepts, tools and research activities and to outline the most important tasks for the future.

Sections

- Mechanics of a deformable solid body
- Materials Science
- Contact mechanics and tribology
- Computational methods in mechanics
- History of mechanics
- Vibrations and vibration protection of mechanical systems

Minisymposium

- The Mechanics of Aerospace Materials (organizer: Alexander Korsunsky, University of Oxford, UK)

Publication: Presented papers will be published after a reviewing procedure in *AiP Conference Proceedings*. Deadline for full paper submission for publication in *AiP Proceedings* is 01.10.2024

Call for papers: Please submit an abstract (not longer than 1 A4 page) in English not later than **June 25, 2024** (by e-mail: j.starcevic@tu-berlin.de and eismoilov.samsu@gmail.com)

Important dates

- Abstract submission: 08.01.2023-25.06.2024
- Notification of acceptance: 25.03.2024-22.07.2024
- Submission of a full paper: 26.02.2024-01.10.2024
- Registration of participants: 08.01.2024-22.07.2024

Conference fee: 180,00 €

Program Committee

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Conference Website: <https://amsmt2024.samdu.uz>