

# Preface



The 9th International Scientific Conference on Advances in Mechanical Engineering (ISCAME, November 9-10, 2023, Debrecen, Hungary) was organised by the Department of Mechanical Engineering (Faculty of Engineering, University of Debrecen) and the Working Commission of Mechanical Engineering (Specialized Committee in Engineering, Regional Committee in Debrecen, Hungarian Academy of Sciences). The main goal of ISCAME is to yearly bring together engineers, scientists, researchers, and practitioners from academia and industry to present their original works and share experiences regarding all aspects of mechanical engineering sciences.

For the 2023 meeting, 202 experts from higher education registered from altogether 12 countries. In the framework of ISCAME, 110 presentations were given, and 49 posters were exhibited.

The presented articles are divided into three chapters and are dedicated to analysing research results in the development of advanced production systems, engineering design of tools for materials processing and machine parts for industrial equipment, and transportation engineering and vehicle design.

The publication will undoubtedly be useful to many engineers in the mechanical engineering industry and researchers in the field of engineering sciences.

We want to express our appreciation to all members of the committees who were involved in the preparation of this Conference, to all the staff who managed the different aspects of the Conference, and to all the contributing authors and participants who created the real Conference. We believe that everyone feels rewarded for their participation and contribution.

Website of the Department of Mechanical Engineering, Faculty of Engineering, University of Debrecen:

[www.mecheng.unideb.hu](http://www.mecheng.unideb.hu)

Website of ISCAME:

<https://konferencia.unideb.hu/en/iscame-home-page>

Yours Sincerely,

Tamás Mankovits

Chair of ISCAME, Head of Department

Department of Mechanical Engineering

Faculty of Engineering, University of Debrecen

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