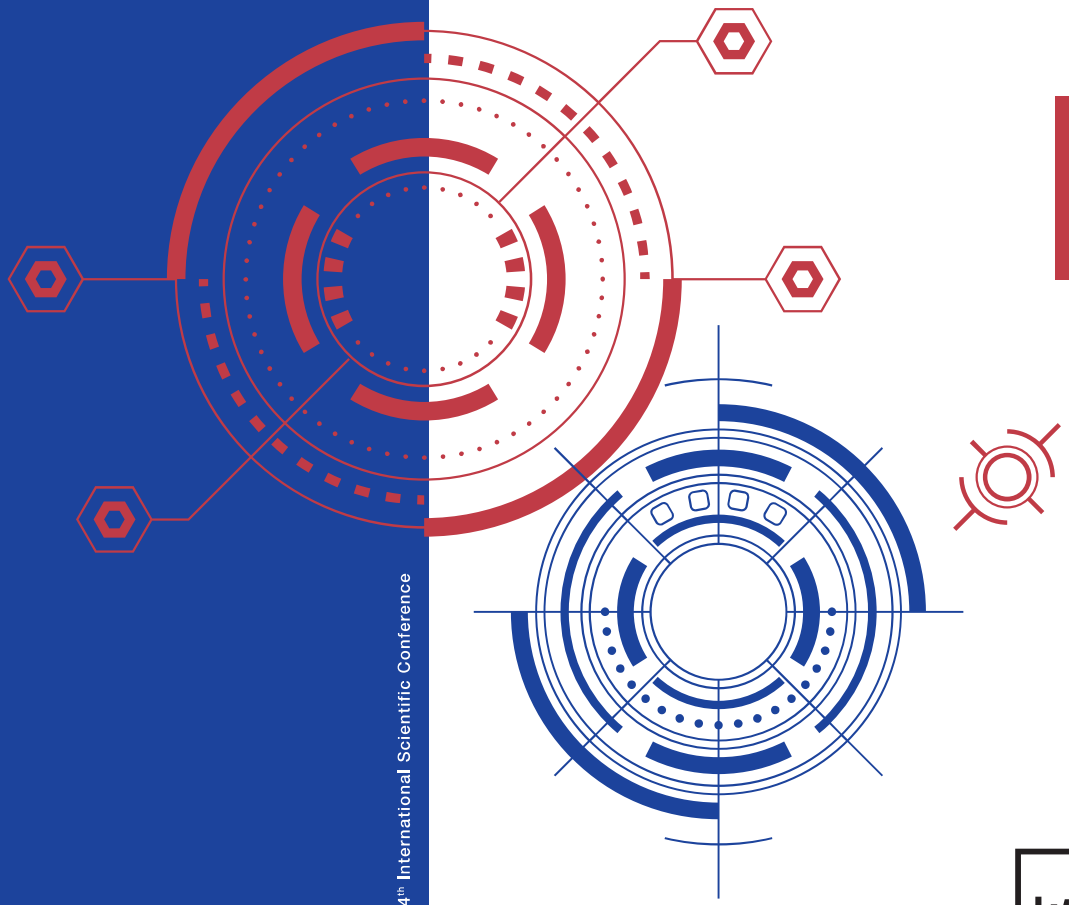
MECHANIKA 2019

24th International Scientific Conference



24th International Conference
MECHANIKA '2019

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MECHANIKA 2019

PROCEEDINGS OF THE 24th INTERNATIONAL SCIENTIFIC CONFERENCE

17 May 2019
Kaunas University of Technology, Lithuania

The procceedings of the 24th International Scientific Conference MECHANIKA-2019 contain selected papers from 4 sections:

- ✓ Strength of materials and structural elements;
- ✓ Mechanical technologies;
- ✓ Dynamics of mechanical systems;
- ✓ Technologies of graphics media and advanced materials.

All papers were reviewed.

Only minor additional corrections of style and language have been carried out by the Publisher.

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Foreword

24th International Scientific Conference "Mechanika-2019" took place in Kaunas, Lithuania, on 17 May 2019.

The on-going objective is to bring together scientists in the field of mechanics from the Baltic Region and other countries to continue debates about new challenges in this area. The papers in the proceedings presented the following areas:

- ✓ Strength of materials and structural elements;
- ✓ Mechanical technologies;
- ✓ Dynamics of mechanical systems;
- ✓ Technologies of graphics media and advanced materials.

All Conference participants prepare manuscripts according the requirements, what makes our proceedings to be valuable resourse of new information which allows to evaluate investigations of the scientists from different regions. It helps to develop the science of mechanics in Baltic countries, East Europe and elsewhere.

Paper evaluation and selection procedure of the 24th International Scientific Conference "Mechanika-2019"

A primary goal of the 24th International Scientific Conference "Mechanika-2019" is to present the highest quality research results. A key element in attaining this goal is the evaluation and selection procedure developed by the Conference Program Advisory Committee. In this procedure, the committee must meet two requirements:

1. Evaluate paper submissions on merit as determined by thorough, accurate, fair and impartial peer reviews;

2. Select those high – quality submissions that fit the needs of the program.

All papers presented to the Conference and published in the proceedings undergo this procedure. Instructions for submitting proposals, including requirements and deadlines, are published in the Call for Papers each year and together are placed in the KUT Web information system (https://mechanic.ktu.edu/). Paper proposals must contain sufficient information for a thorough review. All submissions to determine topic areas are directed to appropriate Editorial Committee.

The Editorial Committee reviews the submissions, match them to the expertise according to the interests and forward them to the selected reviewers. At least two reviewers examine each submission in details. The number of submissions given to each reviewer is limited so that he/she can complete a thorough evaluation in the period allotted.

Selection of papers for the Conference is highly competitive, so authors should assure their submissions to meet all Conference Committee's requirements and to be of the highest possible quality. All submissions should include: a short summary describing the idea or technique being presented, a brief introduction orienting the reviewer to the importance and uniqueness of the submission, a thorough description of the idea or technique in an organized manner and appropriate references to previous works.

Editorial Committee from the best presentations formed the Conference Program. Appearing before the entire Program Committee, the Editorial Committee summarized the reviews and justify their selections and session proposals. The Program Chair resolves differences, finalizes the program. The Conference Editorial Committee then notifies the authors of both accepted and rejected submissions and informs the Authors about the decision. In this year the Conference Committee selected 54 presentations from the 63 and after the second selection 30 reports are presented in the Proceedings. We hope that the proceedings of the 24th International Scientific Conference "Mechanika – 2019" will be interesting for researches and engineers.

Prof. V. Ostaševičius
Assoc. Prof. S.Diliūnas

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