

## Preface

In the presented edition, the reader will find the selected papers from the 4th International Conference on Science and Technology Applications (ICoSTA) that provide an overview of some of the latest research results in the field of application of science and materials.

The comprised papers present the research results and engineering solutions on actual issues in areas of structural mechanics, nuclear reactor exploitation and thermal energy equipment design, measurement methods and sensors applications, methods and algorithms of data and image processing, materials for biomedical engineering, modern biotechnologies and technologies for environmental protection and plant cultivation, waste and biomass conversion technologies, as well as quality control and failure analysis in power plant equipment.

The publication will be helpful to specialists in mechanical engineering, biomedicine, power energy production, information technologies and engineering measurements, environmental engineering and agriculture.

# **Committee of the 4<sup>th</sup> International Conference on Science and Technology Applications 2022 (ICoSTA)**

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