

# Preface

The special issue contains articles that reflect the modern level of research and development in the area of materials and materials processing technologies.

Additive technologies with the use of metal and non-metal materials, and also injection moulding and selective metallization technologies are investigated in the first two chapters.

The third chapter contains articles on the investigation of rotary friction welds and ultrasonic vibration welding processes.

The last chapter is dedicated to issues in the field of strength materials, wear and fracture of tools, various structural elements and structures.

This special edition will be useful and interesting to specialists in materials science and mechanical engineering.