

## **Preface**

The conference, one of the most important Polish conferences in the field of materials science and engineering, is organized by the Polish Academy of Sciences and the University of Technology and Life Sciences in Bydgoszcz. The scientific meetings have been held every second year since 1971. The founder of the conference is the author of many monographs, articles and manuals in the field of Fatigue, Failure and Fracture Mechanics – Prof. Stanisław Kocańda.

The subjects covered in the conference include fatigue life of elements of structures, research on low and high-cyclic fatigue, fatigue in conditions of complex states of stress and strain, analysis of fatigue loads, design taking fatigue into consideration, analysis of random fatigue loads, experimental methods in mechanics of cracking, application of fracture mechanics in engineering issues, the impact of structural, technological and functional factors on fatigue of elements of structures, research methods and equipment.

Prof. Janusz Sempruch