

Preface

The International Scientific Conference New Materials and Technologies in Mechanical Engineering (NMTME-2019) was held at Institute of Metallurgy, Mechanical Engineering and Transport that is a part of Peter the Great St. Petersburg Polytechnic University, Russia. Institute of Metallurgy, Mechanical Engineering and Transport has many years of experience in the field of research and design of innovative technologies. The Institute has state-of-the-art laboratories and advanced equipment. The aim of the conference is to strengthen the cooperation of Russian scientists and graduate students with foreign colleagues in the field of research on new materials and technologies. The conference presents the results of research conducted both at the Institute of Metallurgy, Mechanical Engineering and Transport, and in collaboration with foreign colleagues. The research carried out with the financial support of the grant from the Program Competitiveness Enhancement of Leading Russian Universities among Global Research and Education Centers, supported by the Ministry of Science and Higher Education of the Russian Federation of Peter the Great St. Petersburg Polytechnic University, Project 5-100-2020.