

# Preface

International Russian Conference on Materials Science and Metallurgical Technology has taken place on October 1-4, 2018.

The conference was carried out under financial support of the South Ural State University (national research university). The conference was organized to maintain discuss and the presentation of research papers, summarizing research in technical disciplines in universities, research institutes, large industrial enterprises, scientific and industrial associations of the Russian Federation and the World, as well as foreign authors, and research results obtained on the personal initiative of the authors. The aim of the conference is the exchange of information between scientists and practitioners of the most promising areas of research and achievements in the field of material science and metallurgical technologies.

The conference was organized in 7 sections, including:

1. Materials: design, synthesis and characterization;
2. Technologies of pyrometallurgical processes;
3. Technologies of hydrometallurgical processes;
4. Modern problems of foundry production;
5. Metal forming: rolling, stamping, forging, pressing;
6. Technologies of welding production;
7. Additive manufacturing.

Organizing committee would like to express our sincere appreciation to everybody who has contributed to the conference. Heartfelt thanks are due to authors, reviewers, participants and to all the team of organizers for their support and enthusiasm which granted success to the conference.

Conference Chair, prof. Andrey A. Radionov.

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