

Preface

The current volume of the journal contains the papers reserach papers on ceramics, metals, polimers and other engineering materials. The scope of this volume is to present a wide range of papers on structural and functional materials, manufacturing processes, and technologies. Presented research can be usefule for scientists and reserchers in area of materials science and materials application.

This special volume has been prepered in cooperation with organizing and editorial committee of International Baltic Conferences which was initiated 29 years ago and the first conference took place in 1991 as “The first International Baltic Conference on Powder Metallurgy”. Since then, conference continues the tradition of the regular meetings held annually in one of the three Baltic States, with specific topics in each country:

The *Materials Engineering and Modern Manufacturing 2020* topics are:

- Engineering Materials and Applications;
- Advanced technologies and Manufacturing;
- Industrial Engineering.

The conference *Materials Engineering and Modern Manufacturing 2020* continues the tradition of the previous regular meetings by attracting many of the best-known leading scientists and specialists from almost all of the different fields of expertise covering materials engineering and manufacturing issues. *Materials Engineering and Modern Manufacturing 2020* had assembled the participants from 13 countries: Estonia, Latvia, Lithuania, Poland, Belarus, Ukraine, Norway, Finland, Germany, Austria, Italy, Turkey, Japan; 20 institutions, 41 participants from foreign countries, 18 PhD students. 63 abstracts were submitted but only 52 abstracts were approved and presented at the conference, including 22 oral and 30 poster presentations.

Also, we would like to express our gratitude to the authors who submitted their papers taking into account the manuscript submission deadline, to the reviewers for their support and effort during the manuscript revision as well as to the all members of the organizing committee – without your support and assistance it wouldn't be possible to organize this meeting.

Most international conferences and events in 2020 have moved online from the convention hall, and therefore, in light of the COVID-19 pandemic, MeMM'2020 was organised as both an online and in-person event. Organising committee is truly thankful for the participants' support and understanding.

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