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## Preface

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## Preface

The III International Conference 'Materials, Technology and Equipment for the development of the Arctic and Siberia' (ARCTIC-2019) was held by Tomsk State University (Tomsk) and the All-Russian Scientific Research Institute of Aviation Materials-VIAM (Moscow) on September 25–28, 2019 in Tomsk.

The Conference goal was to intensify research in the fields of special materials, technology and facilities used in the development of the Arctic and Siberia, increasing the effectiveness of the implementation of the scientific results, strengthening the cooperation between industry and famous scientists of different countries.

The conference covers the fundamental and applied problems of the scientific and technical support for the development of the Arctic Zone of Russian Federation, as well as the current state and prospects of the Arctic and Siberia development.

The mains topics of the conference were as follows:

- *Arctic materials (research, producing, application)*
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- *Peculiar properties of technical devices and facilities for the territories with harsh climate conditions*
- *Testing materials and devices in harsh climate conditions and the development of scientific and technical documentation*
- *Environmental factors for the development of the Arctic and Siberia*

These proceedings papers reflect the current fundamental and applied research in areas of special materials, technologies, equipment and structures used in the development of the Arctic and Siberia, improving the effectiveness of the application of research results and their practical use.

*The Organizing and Program Committees of ARCTIC-2019*

