

Proceedings of the Scientific-Practical Conference
“Research and Development - 2016”

K.V. Anisimov · A.V. Dub
S.K. Kolpakov · A.V. Lisitsa
A.N. Petrov · V.P. Polukarov
O.S. Popel · V.A. Vinokurov
Editors

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Foreword



Dear ladies and gentlemen!

The central goal of the government is to develop applied and experimental research aimed at producing advanced cross-sectoral technological advances in priority areas. The Ministry of Education and Science of the Russian Federation is making considerable efforts to support staff at research and educational institutions and personnel at manufacturing company's R&D Units at all levels of their careers.

One of the tools of this support is the Federal Targeted Programme “Research and Development in Priority Areas of Development of the Russian Scientific and Technological Complex for 2014–2020.” This programme focusses on research that will lead to the development products in priority areas of the Russian

economy and facilitate its competitiveness.

The research-to-practice conference “Research and development 2016” was held in Moscow on December 14 and 15. This conference, which was dedicated to applied and experimental research conducted in priority areas of development, discussed the results of the institutions’ and scientists’ research activities in high-tech industry and outlined innovative research trends in cross-disciplinary areas.

The articles published in this collection reflect the key findings that are of laboratory character at present, but will become a part of corporate life in the future. I firmly believe that they will be of interest for researchers as well as the research

and business community as a source of valuable information on the development of applied science in Russia.

On behalf of the Ministry of Education and Science of the Russian Federation

Grigoriy V. Trubnikov
Deputy Minister of Education
and Science of the Russian Federation

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