

Preface

Institute of Civil Engineering of Peter the Great Saint-Petersburg Polytechnic University presents International scientific conference "Advanced Materials and Technologies in Construction, Energy Production and Waste Treatment".

The conference is supported by Saint Petersburg authorities: Housing Committee, Construction Committee, Committee on Energy and Engineering Support.

The Organizing Committee grateful to all the distinguished authors and guests of conference AMTEWT-2016, was held on April 27-29, 2016, in Peter the Great Saint-Petersburg Polytechnic University, Saint Petersburg, Russia. Saint Petersburg (former Leningrad) is the second largest city in Russian Federation, politically incorporated as a federal subject of Russian Federation. It is located on the Neva River at the coast of the Gulf of Finland on the Baltic Sea.

Guest editors: Vera Murgul, Nikolai Vatin and Alenka Fikfak.

The conference provides a platform to discuss contemporary material science problems with participants from different countries. Many of the pressing scientific problems are due to the limitations of the materials that are available and, as a result, breakthroughs in materials science are to have a significant impact on the future of technology. Success of the conference AMTEWT is reflected in the papers received, with participants coming from several countries, allowing a real multinational multicultural exchange of experiences and ideas.

The present volumes collect accepted papers and represent an interesting output of this conference. This book covers these topics:

Chapter 1: Building Materials for Buildings and Structures

Chapter 2: Chemical Technologies in Energy Production and Waste Treatment

All the organizing members will be committed us to make AMTESD-2016 more and more professional with fully and enjoyable academic research and discussion platform for authors and attendees.

On behalf organizing committee, we would like to especially thank Andrey Lunev, Ksenia Indeykina, Ekaterina Antonova and all the editors from journal Materials Science Forum for the great support to AMTESD-2016

Nikolai Vatin & Vera Murgul

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