

Preface

International Scientific Conference "FarEastCon" took place on October 1-4, 2019 in Vladivostok, Russian Federation.

The conference was carried out under financial support of the Far Eastern Federal University, as well as at informational support of the Institute of Electrical and Electronics Engineers (Russian (Far Eastern) Subsection of IEEE).

The conference participants submitted papers reflecting recent advances in the field of materials engineering and technologies for production and processing in the different areas of modern manufacturing.

International science and technology conference "FarEastCon" is dedicated to the discussion of today's achievements and farsighted researches in the area of intellectual technology use for solving of real, applied tasks in various areas of industries and energy policies of nations. The conference is organized for the purpose of support of interdisciplinary discussion and publication of scientific-research results that summarizes researches in the technical sphere of knowledge at higher educational institutions, research institutes, major industrial enterprises, science and production unions of the Russian Federation, authors from foreign countries, and results of researches conducted with the initiative of authors.

The goal of the conference is the information support of researchers and experts in the most farsighted research fields and achievements in the area of construction, architecture and materials.

Major sections of the conference:

Chapter 1: Construction Materials, Structures and Technologies

Chapter 2: Polymers and Composites

Chapter 3: Steel and Alloys, Materials Processing Technologies

Chapter 4: Tribology, Coatings and Surface Engineering

Chapter 5: Functional Materials

Chapter 6: Computational Procedures, Measurements, Modelling and Simulation in Materials Science.

More than 4000 people from 27 countries of the world are registered as conference participants. 1895 articles underwent a scientific peer review process. About 1000 representatives of scientific organizations, universities, industrial enterprises from 33 regions of Russia and 67 foreign representatives from 20 countries (Australia, Armenia, Belarus, Bulgaria, China, Germany, Iran, Indonesia, Kazakhstan, Lithuania, Moldova, Poland, Republic of Korea, Slovakia, Sweden, Thailand, Uzbekistan, USA, Ukraine, Vietnam) of the world took part in the conference. During the event, 5 plenary and 219 section reports were heard.

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.

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