

## PREFACE

### High-Rise Construction-2017 (HRC-2017)



In September Samara State Technical University (SamGTU) hosted the international scientific conference “High-Rise Construction-2017” (HRC-2017). The event lasted for five days (from September 4 to September 8) and was a great success. The conference was initiated by the Department of the Architecture of Residential and Public Buildings, headed by professor Victor P. Generalov.

In the modern world, high-rise buildings are indicators of economic progress, they form an idea about the prestige of leading and successful firms, about the status and the scale of cities.

The international Conference “High-Rise Construction-2017” has brought together theoretical and practical experience on designing high-rise buildings and sustainable urban development of the scientists from the United States, European countries and a number of Russian cities.

The delegation from Chicago, USA, was most representative and included Jason Gabel, Communications Manager, the Council on Tall Buildings and Urban Habitat (CTBUH); Daniel Safarik, Editor, CTBUH journal; Sara Beardsley, Senior Architect, and Adrian Smith from Gordon Gill Architecture. Anastasia Kucherova came as a representative of Stefano Boeri Architetti, an architectural firm from Italy, Milan. There also were many presenters from other countries, associations and universities.

The participants discussed such issues as the integration of high-rise buildings into urban environment, typological innovations in high-rise buildings construction, the design of structures for high-rise construction, engineering systems and technology. They also shared their best practices and experiences in the field of high-rise construction, discussed a wide range of questions on the formation of dense comfortable vertical urban environment and on innovative models of high-rise buildings adapted to the unique conditions of a particular construction site. The conference became a networking platform for scientists, businessmen and representatives of governmental and non-governmental organizations, making it possible to carry out critical comprehensive analysis of the state of modern science and industry in the field of high-rise construction.

We would like to express our gratitude to Editorial Board of E3S Web of Conferences and personally Isaline Augusto for her attention to all our questions and great support.

*Organizing Committee*