Journal of Physics: Conference Series

Editorial Preface

Peter Jan Pahl¹, Vera Galishnikova², Nikolai Vatin³, Makhmud Kharun⁴ and Dmitry Koroteev⁴

¹ Technische Universität Berlin, Berlin, Germany

² National Research Moscow State University of Civil Engineering, Moscow, Russia

³ Peter the Great St. Petersburg Polytechnic University, St. Petersburg, Russia

⁴ Peoples' Friendship University of Russia (RUDN University), Moscow, Russia

The present proceedings include a selection of papers submitted to the International Conference on Engineering Systems 2020 (ICES 2020), which was held during 14-16 October 2020 in the RUDN University, Moscow, Russia.

ICES 2020 was dedicated to the 60th anniversary of RUDN University. International Conference on Engineering Systems (ICES), held annually at the Peoples' Friendship University of Russia (RUDN University), has created a platform for summarizing research in various areas of engineering. The aim of the conference is to foster and conduct collaborative interdisciplinary research amongst the researchers, professionals and industrialists to share their research experiences and indulge in interactive discussions and special sessions at the event.

In light of travel restrictions around the world to control COVID-19 pademic, ICES 2020 adopted the format of virtual conference through Google Meet network to provide a forum for experts and scholars to share real-time information and discuss the latest findings on various engineering fields. The conference included keynote speech and online discussion, and each presenter has 20–25 minutes (including Q&A).

With the full support from the International Scientific Committee, all submissions have been through rigorous review and process to meet the requirements of international publication standard. Accepted papers were presented in five sessions of the conference: 1) Fundamental Engineering, 2) Civil and Structural Engineering, 3) Mechanical Engineering, 4) Composite Materials, 5) Hydraulic and Geological Engineering. We hope that this collection will be useful for many specialists and researchers from various engineering fields.

We would like to express our sincere gratitude to the distinguished speakers, as well as all the audiences and look forward to seeing everyone again next year at ICES 2021 during 28-30 April 2021.

Conference Chair:

Prof. Vera V. Galishnikova, Moscow State University of Civil Engineering, Moscow, Russia **Conference secretary:**

Dr. Igor V. Stadnikov, SAFAS, Moscow, Russia

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Guest Editors:

Prof. Peter Jan Pahl, Technische Universität Berlin, Berlin, Germany.

Email: peter-jan.pahl@tu-berlin.de

Prof. Vera Galishnikova, Moscow State University of Civil Engineering, Moscow, Russia.

Email: galishni@yandex.ru

Prof. Nikolai Vatin, Peter the Great St. Petersburg Polytechnic University, St. Petersburg, Russia. Email: vatin@mail.ru

Dr. Makhmud Kharun, RUDN University, Moscow, Russia.

Email: kharun-m@rudn.ru

Dr. Dmitry Koroteev, RUDN University, Moscow, Russia.

Email: koroteev-dd@rudn.ru