INTERNATIONAL SCIENTIFIC CONFERENCE on Aeronautics, Automotive and Railway Engineering and Technologies

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**Preface**

BulTrans International Scientific Conference on Aeronautics, Automotive and Railway Engineering and Technologies is held for the first time in 2009, as part of The Science Days of Technical University of Sofia. Till now, ten editions of the Conference have been organized, nine in USOB "Lazur" and a jubilee forum in Sofia.

BulTrans-2018 was the 10th edition of the Conference. It was attended by over 140 participants from 12 countries.

Thorough scientific achievements in the field of transport are being presented at the conference. BulTrans is the most prestigious scientific forum for road, railway and air transport in Bulgaria.

Our sponsors have significant contribution for the realization of the event. Among them are: Siemens Mobility, Knorr-Bremse, Automotor Corporation and many others.

**Opening Address**

Every year, the Faculty of Transport at the Technical University - Sofia is organizing the International Scientific Conference on Aeronautics, Automotive and Railway Engineering and Technologies BulTrans.

The event is aimed at presenting scientific research in the field of transport and transport technology and promoting collaboration between scientists from different countries. It also traditionally gives floor for young scientists, PhD students and students.

The proceedings include a selection of papers from the scientific forum based on their quality and relevance to the conference topics.

I would like to express my gratitude to the members of the scientific editorial board, the reviewers and the participants for increasing the scientific value of the conference every year.

Assoc. Prof. B. Gigov, PhD,
Chairman of Organizing Committee