

Preface

I am pleased to present another volume of proceedings related to the Transport System Telematics (TST) Conference published in the *Communications in Computer and Information Science* series. It will help familiarize the reader with practical aspects of the development of technologies, services, and applications required for the appropriate functioning of modern transportation systems.

For many years, we have been gathering at the TST conference as a group of people interested in the development of transport telematics. The conference is the oldest event of its kind in Poland, and this year's conference was the 16th edition. The conference was inaugurated in 2001 by the Polish Association of Transport Telematics and it has been organized with the association's participation ever since. The conference is organized under the patronage of Polish self-governmental and governmental authorities, the Transport Committee of the Polish Academy of Sciences, as well as many Polish and foreign universities and companies within the field of transport telematics. The TST Conference allows its participants to exchange their experiences and familiarize themselves with the latest intelligent transportation systems (ITS) technologies and directions of development. The conference refers to the ITS development program within the scope of infrastructure of all kinds of transportation. In order to take further actions related to this kind of infrastructure, it is necessary to coordinate activities implemented by the whole community in the field in order to create a new quality of transport services.

The book presents and the knowledge gathered from the field of ITS, the specific solutions applied in the field, and their influence on improving the efficiency of transport systems. The publication is a collection of the scientific achievements presented by authors during the conference sessions.

This year the papers were accepted after detailed reviews made by three independent reviewers in a double-blind way. In addition, a Scientific Editorial Special Committee was appointed to work on the final qualifying items. The acceptance rate was circa 38%; the book consists of 37 articles and five short scientific reports.

The book presents a wide range of current issues related to the development of transport telematics. Readers interested in the current issues related to ITS will find here a vast range of material presenting the different views and research of the book's authors.

I hope that by reading this book you will gain knowledge of the various examples of telematics technologies and services that have been successfully implemented in the existing transport infrastructure. As the same time, I am sure that the series dedicated to the best ITS practices will encourage you to take part in future editions of the conference.

Challenge of Transport Telematics

16th International Conference on Transport Systems

Telematics, TST 2016, Katowice-Ustroń, Poland, March

16-19, 2016, Selected Papers

Mikulski, J. (Ed.)

2016, XII, 510 p. 218 illus., Softcover

ISBN: 978-3-319-49645-0