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Wei Shangguan
Jianqing Wu
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Introduction

This volume is dedicated to 2023 3rd International Conference on Intelligent Traffic Systems and Smart City (ITSSC 2023) held during 10th – 12th November 2023 in Xi'an, China (virtual conference). Organized by School of Traffic & Transportation Engineering, Central South University, the Conference focused exclusively on recent trends of research in intelligent traffic systems and smart city, and attracted about 80 participants from around the world.

The immediate purpose of this Conference was to bring together experienced as well as young scholars who are interested in working actively on various aspects of intelligent traffic systems and smart city, in order to share and discuss the latest research problems, progress, as well as challenges. And the ultimate plan is to make it a regular event every year based on the very positive response we received which was beyond our expectation.

The Conference agenda include keynote speeches, which address major theoretical issues, current and forthcoming observational data as well as upcoming ideas in both theoretical and observational aspects. Keeping in mind the principle "academic exchange first", the lectures were arranged in such a way that the young researchers had ample scope to interact with the stalwarts who are internationally leading experts in their respective fields of research.

Besides the keynote speeches, a good proportion of the participants also presented their work through contributory talks and posters on this big platform. This was particularly encouraging and of benefit to the young participants, given that there were a good number of scientists of international repute among the participants, the feedback from whom could guide them in the right direction.

All the contributions accepted in this Conference Proceedings were refereed by experts rigorously. The major topics covered in the volume include: Traffic Network Modeling, Intelligent Traffic Systems, Smart Logistics, Smart City Digital Goods and Services, Spatial Information Technology, etc.

We thank all the members of the Conference Committee who contributed their hard labor to make this Conference a great success. We gratefully acknowledge the experts and reviewers for their valuable suggestions on the reviewing process of the papers submitted. Our sincere thanks also to the staff of Society of Photo-Optical Instrumentation Engineers for their efforts in the publication of this Proceedings. Last but not the least, we thank all the speakers and participants without whom the Program would not have been such a success.

We hope we will have your active participation in the future conference versions of ITSSC as well!

The Committee of ITSSC 2023