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**Cheng Wang
Shan Zhong
Jiaolong Wei**
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Introduction

In 2005, the First International Conference on Space Information Technique was held at the Huazhong University of Science and Technology in Wuhan, China. That conference was a great success, at which scientists, engineers, and graduate students from different countries and areas made about 200 presentations of their new research results concerning space information techniques.

The Second International Conference on Space Information Technique aims to bring together the latest work that has been carried out in the area of space information technology, and further promote the new-round academic exchange among researchers of different countries. This conference has aroused great interest on the part of numerous researchers, and the conference committee received over 700 papers from different countries and areas. Those papers cover space communications network theory and technology, spacecraft payload, Earth observation and navigation, deep-space exploration and communication, safety and protection for space information systems, and space information systems and applications which involves aspects of acquisition, transmission, processing, and applications of space information.

All submissions are subject to peer review by the technical committee that is composed of well-known experts in the broad area of space information technology from both academia and industry. The chairs of the committee recommended the acceptance or rejection of the submissions based on the review comments. Finally, 288 high-level papers are included in this volume.

We extend our thanks to all the authors and technical committee members for their contribution to the success of the conference. We also thank the SPIE staff for their efforts in publishing these conference proceedings.

Cheng Wang

