

JOURNAL OF TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY

Preface

The dynamics of telecommunication sector development and strong competition in this sector in most countries induce telecommunication operators to use new computerized tools. Such tools might help in planning network development, in assessing financial and economic standing, in network design and management, in corporate management including strategic decisions and negotiations of interconnection agreements. The intensive development and decreasing costs of information technology increase the availability of such tools. On July 18–20 2007, the National Institute of Telecommunications in Warsaw, Poland, organized the *6th International Conference on Decision Support for Telecommunications and Information Society (DSTIS)*, with 68 participants from 7 countries. The aim of DSTIS conference was to bring together international experts and researchers working in decision support and related fields, in order to present diverse methods and tools of decision analysis and support as well as knowledge engineering and knowledge management applied in telecommunications industry and for information society, together with diverse economic and computational aspects related to the main themes. The conference had following session themes: Modeling Fundamentals, Game Theory and Applications, Economics and Decisions, Routing and Traffic Control, Multicriteria Tools, Telecommunication Markets and Knowledge Engineering.

In this issue of our *Journal*, we present selected nine papers from the DSTIS conference, followed by two papers from an earlier ICTON conference also organized by the National Institute of Telecommunications. We hope to present several further papers from DSTIS conference in the next issues.

Andrzej P. Wierzbicki
Guest Editor