

Preface

The 1st International Conference on Network Analysis was held on December 14–16, 2011, at the University of Florida, Gainesville, Florida, USA. More than 50 researchers from universities, institutes, governmental agencies, and industrial companies worldwide attended the conference.

This conference has started a new sequence of conferences with the purpose to summarize the current research activities on networks and their applications in industrial and manufacturing systems, social and computer networks, traffic engineering, and neurodegenerative diseases, reflecting emerging topics in network analysis. We thank the authors for submitting their papers to the conference. We are grateful to the members of the program committee and the external referees for their work within the demanding time constraints. We gratefully acknowledge the financial support by The Russian Federation Government Grant, ag.11.G34.31.0057 and the staff of The Laboratory of Algorithms and Technologies for Networks Analysis, National Research University Higher School of Economics, Russia and The Center for Applied Optimization at the University of Florida. Finally, we would like to thank our students Evgeny Maslov, Mikhail Batsyn, and Chrysafis Vogiatzis for helping us with the production of this book.

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Models, Algorithms, and Technologies for Network
Analysis

Proceedings of the First International Conference on
Network Analysis

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2013, XIV, 234 p., Hardcover

ISBN: 978-1-4614-5573-8