

# Preface

This edited book serves as a companion volume to the Ninth INFORMS Telecommunications Conference held in College Park, Maryland, from March 27 to 29, 2008. The 17 papers in this book were carefully selected after a thorough review process.

Rapid advances in telecommunications technology have spawned many new innovative applications. These advances in technology have also fostered new research problems. In a certain sense, each one of the papers in this book is motivated by these advances in technology. Technologies considered range from free-space optical networks and vehicular ad-hoc networks to wave division multiplexing and multiprotocol label switching. The research contained in these papers covers a broad spectrum that includes the design of business models, tools for spectrum auctions, Internet charging schemes, Internet routing policies, and network design problems. Together, these papers address issues that deal with both engineering design and policy.

We thank all of the authors for their hard work and invaluable contributions to this book. We are very pleased with the outcome of this edited book, and hope these papers will give rise to new ideas and research in their respective domains.

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