

## Message from Technical Program Co-Chairs

The complexity of mobile, ad hoc, and wireless networks require thoroughly founded models capturing their essential characteristics and new optimization techniques building upon such models. Insights into both the theoretical aspects of these problems as well as practical methods and tools are desperately needed. The goal of this symposium is to bring together researchers and practitioners working on optimization issues from different perspectives, including performance analysis, mobile networking, wireless communication, and optimization theory.

This year, the symposium attracted 140 submissions from 32 different countries, of which 42 papers were selected, by the technical program committee, for presentation in the symposium. The selection of the best 42 papers was made possible by the efforts of a strong and dedicated Technical Program Committee; which personally reviewed all of the papers. The Technical Program Committee created an outstanding program covering the broad scope of this field. The program includes sessions devoted to wireless network protocols, scheduling algorithms, 802.11 networks, ad hoc networks, sensor networks, cross layer design, MAC protocols, network control algorithms and scaling laws for wireless networks. In addition, we are fortunate to have a distinguished plenary speaker--Dr. Rajiv Laroia, founder and CTO of Flarion Technologies, who will speak on "Modeling the wireless channel for Mobile Cellular networks." Prior to founding Flarion, Dr. Laroia had a distinguished career at Bell Laboratories where he headed the Digital Communications Research Department.

In order to give proper consideration to new topics in this rapidly developing field, we also included four adjunct workshops into the WiOpt symposium format. They are dedicated to Measurements in Wireless Networks (WinMee), Resource Allocation in Wireless Networks (RAWNET), Spatial Stochastic Model for Wireless Networks (SPASWIN), and Network Coding, Theory, and Applications (NETCOD). We hope that you have a chance to visit these workshops as well.

Running such a symposium requires dedication and much work from many people. We want to thank all our dedicated colleagues in the organizing committee, the technical program committee, and all the local volunteers who made this symposium possible. We hope that you enjoy this volume, the symposium, and the discussions with colleagues.

Eytan Modiano and Leandros Tassiulas  
Technical Program Committee Co-chairs