

# Message from the General Chairs

Welcome to the 12th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM), and to beautiful Tenerife, Canary Islands, Spain. Over the years, MSWiM has established itself as a major research venue where numerous key results in the area of performance evaluation of wireless and mobile systems have appeared.

This year, we have a very strong program consisting of an excellent selection of regular and short papers. The program also includes a poster session and a demo/tool session. We are happy to have three keynote addresses, one on each day of the main conference, from outstanding experts. Specifically, we would like to thank Prof. Dr.-Ing. Ralf Steinmetz (Technical University of Darmstadt, Germany), Prof. Stephan Olariu (Old Dominion University, USA), and Prof. Hossam Hassanein (Queen's University, Canada) for delivering this year's keynote speeches.

Along with the main conference program, three symposia and two workshops will be held, covering several specializations within mobile and wireless systems. These five events are successful and quite competitive in their own right. The three symposia cover the following areas: mobility management and wireless access (MobiWAC), Performance evaluation of ad hoc and sensor networks (PE-WASUN), and QoS and Security of wireless networks (Q2SWinet). The workshops cover Wireless Multimedia Networks (WMuNeP), and measurement of wireless and heterogeneous networks (PM2HW2N).

We wish to express our gratitude -- and congratulations -- to the Program Co-Chairs Brahim Bensaou and Violet Syrotiuk, and all the TPC members, for the outstanding and thorough job they did in selecting the technical program. Our thanks also extend to the external referees for providing high quality reviews within a very tight schedule.

Special thanks go to the rest of the organizing committee, whose efforts are instrumental to the success of the conference, including the poster chairs, Nei Kato and Pedro Ruiz, the workshop chairs Regina Araujo and Joel Rodrigues, the tutorial chairs Stefano Basagni and Juan Carlos Cano Escribá, the demo/tools chairs Damla Turgut and Ashfaq Khokhar, the publicity chairs Mirela A. M. Notare, Cheng Li and Jalel Ben-Othman, the registration chair Khalil El-Khatib, and the publication chair, Richard Pazzi. Marco Di Felice did an outstanding job of creating and maintaining the conference web pages. We would like to thank Azzedine Boukerche and the Steering Committee for their guidance and setting the vision for the conference. Finally, we would like to express our gratitude to all authors for providing us with this exciting program.

Last but not least, we wish to thank our main sponsor the ACM SIGSIM. We are very pleased to welcome you to MSWiM 2009 and we hope you will find this year's event full of stimulating ideas and discussions.

## **Nael Abu-Ghazaleh**

*MSWiM'09 General Chair  
State University of New York – Binghamton  
and Carnegie Mellon University -- Qatar*

## **Luciano Bononi**

*MSWiM'09 Vice General Chair  
University of Bologna  
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# Message from the Program Committee Co-Chairs

On behalf of the Organizing Committee, it is our pleasure to welcome you to the 12th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (*MSWiM*), held in 2009 in exotic Tenerife in the Canary Islands of Spain. *MSWiM* has a tradition of introducing important and timely work, and we are confident that this year's program maintains those qualities.

In 2009, the call for papers attracted 178 submissions in all areas of mobile and wireless systems. The papers submitted came from 35 countries, and the accepted papers from 19, reflecting the international nature of *MSWiM*. The submissions included a large number of papers of very high quality making the selection process difficult and competitive. Each paper received three or more reviews from which we reached a decision. In the end, we selected 42 regular papers, for an acceptance rate of around 23%. An additional 12 short papers were recommended for the program. The *MSWiM* 2009 technical program also includes three distinguished keynote addresses, five workshops and symposia, six tutorials, and a poster session.

Three regular papers will be selected as candidates for the best paper award at the conference and announced in the opening session. The winner among these three papers will be announced at the banquet, and will be reported in the proceedings of next year.

Congratulations to the winners of the best paper award at *MSWiM* 2008:

*“Investigating a Physically-Based Signal Power Model for Robust Low Power Wireless Link Simulation,”*

Tal Rusak and Philip Levis

Our thanks go to Azzedine Boukerche and the Advisory Board for their continuing vision for *MSWiM*. We also thank Nael Abu-Ghazaleh, the General Chair, and Luciano Bononi, the Vice General Chair, for sharing their advice and experience in handling the myriad of issues that arise in conference organization; your help is very much appreciated.

Putting together a conference is a team effort. We join the General Chairs in thanking our organizing committee. Thanks to Tutorial Co-chairs Stefano Basagni and Juan Carlos Cano Escriba, Workshop Co-chairs Regina Araujo and Joel Rodrigues, Demo/Tools Co-chairs Damla Turgut and Ashfaq Khokhar, and Poster Co-chairs Nei Kato and Pedro Ruiz, for organizing the value-added sessions *MSWiM* attendees have come to expect. Special thanks go to Marco Di Felice for maintaining the *MSWiM'09* web site and to Mirela Notare, Cheng Li, and Jalal Ben-Othman for publicizing the conference. Thanks are also due to Khalil El-Khatib our Registration Chair, Jesus Carretero our Industrial Chair, and to Richard Pazzi our Publication Chair. We are indebted to the TPC members for their valuable time and expertise in evaluating the papers and in helping us put together the program. We also wish to thank the external reviewers for providing high-quality reviews. Finally, we thank our sponsors, ACM and ACM SIGSIM, for their continued support of these successful meetings.

In closing, we welcome you to *MSWiM* 2009, and wish that the conference is as interesting and informative as ever and your stay in Tenerife enjoyable!

## **Brahim Bensaou**

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The Hong Kong University of Science and Technology  
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## **Violet R. Syrotiuk**

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