Changes to TMC and its Editorial Board

Ramesh Govindan

Starting in 2012, TMC will be going paperless! The journal will be published in a form called OnlinePlus (http://www.computer.org/onlineplus), in which the format and pagination of a paper issue is maintained, since citation indices and academic promotion processes heavily depend upon these. Subscribers will, at a lower subscription rate, be given access to the full online archive. They will also receive, once every quarter, a small booklet containing abstracts of published articles from three issues and a CD-ROM containing electronic copies of these articles.

I would like to take the opportunity to thank Dr. Mani Srivastava for his phenomenal service to the community as Editor-in-Chief. During his tenure, he has raised the quality and the visibility of the journal and has managed its growth and evolution in impressive fashion. He has left big shoes to fill!

I would also like to welcome our new Associate Editor-in-Chief, Dr. Ram Ramanathan, who is Principal Research Scientist at Raytheon BBN. The journal has grown in size and stature over the years and has reached a point where it can benefit greatly from a second person at the helm, and Ram has graciously agreed to take on that responsibility. Ram has played a leadership role in the field of mobile computing for nearly two decades, and was also a former associate editor of TMC.

Our Editorial Board continues to evolve, and I would like to take this opportunity to introduce the new members, whose biographies appear below, and thank the outgoing ones.

I would like to welcome aboard several new Associate Editors to fill gaps left by Associate Editors whose terms expired, and to strengthen the Editorial Board’s expertise in emerging areas. It is my pleasure to introduce Fan Bai, Ranveer Chandra, Olivier Dousse, Michael Fang, Christina Fragouli, Allen MacKenzie, and Mihail Sichitiu. Together, they bring expertise in vehicular networks, cognitive radios, cellular networks, network information theory, game theory, location management, and localization. They also increase our international and industry representation. I would like to thank them for taking time from their busy schedules to volunteer for this important service to the community.

Finally, I would like to acknowledge the contributions of four Associate Editors whose terms ended recently or who stepped down for personal reasons: Samir Das, Aura Ganz, Srikanth Krishnamurthy, and Marwan Krunz. They brought unique perspectives and expertise to the journal, and we are the richer for it. I greatly appreciate the dedication, diligence, and promptness they have shown during their terms.

TMC continues to be a very desirable publication venue for mobile and wireless computing and networking, and this would not be possible without the support of our readers and authors, the members of the Editorial Board, the Steering Committee, and the Computer Society staff. I look forward to hearing feedback from our readership and receiving suggestions for ways to improve the journal in the coming years.

Ramesh Govindan
Editor-in-Chief

Fan Bai received the BS degree in automation engineering from Tsinghua University, Beijing, China, in 1999, and the MSEE and PhD degrees in electrical engineering from the University of Southern California, Los Angeles, in 2005. Since then, he has been a senior researcher in the Electrical & Control Integration Lab, Research & Development and Planning, General Motors Corporation. His current research is focused on the discovery of fundamental principles and the analysis and design of protocols/systems for next-generation vehicular ad hoc networks (VANET) for safety, telematics, and infotainment applications. Dr. Bai has published about 40 book chapters, conference papers, and journal papers, including in MobiCom, INFOCOM, MobiHoc, SECON, ICC, Globecom, WCNC, JSAC, IEEE Wireless Communications, IEEE Communications Magazine, and Elsevier’s Ad Hoc Networks. In 2006, he received the Charles L. McCuen Special Achievement Award from General Motors Corporation “in recognition of extraordinary accomplishment in the area of vehicle-to-vehicle communications.” He served as a technical program cochair for IEEE WiVec 2007 and IEEE MoVeNet 2008. He is an associate editor of the IEEE Transactions on Vehicular Technology and serves as a guest editor for IEEE Wireless Communications, the IEEE Vehicular Technology Magazine, and Elsevier’s Ad Hoc Networks. He also serves as a PhD supervisory committee member at Carnegie Mellon University and the University of Illinois at Urbana-Champaign.
Ranveer Chandra received the undergraduate degree from IIT Kharagpur, India, and the PhD degree from Cornell University in 2005. He is currently a researcher at Microsoft Research. As part of his doctoral dissertation, he developed VirtualWiFi—a virtualization architecture for wireless network cards. This software has been downloaded more than 140,000 times and is among the top five downloaded software programs released by Microsoft Research. Windows 7 supports VirtualWiFi APIs as well. Dr. Chandra’s research focuses on system challenges in designing computer networks. He is currently working on four different projects: white space networking, energy saving PC architecture, mobile systems, and network management. He was invited to the FCC to present his research on white spaces. Spectrum regulators from India (including TRAI Chairman J.S. Sarma), China (SARFT), Brazil (ANATEL), Singapore (IDA), and the US (including FCC Chairman Genachowski) have visited the Microsoft Campus in Redmond, Washington, to see a live demonstration of his research. Dr. Chandra has published more than 35 research papers and filed more than 40 patents, 10 of which have been granted. He has won several awards, including best paper awards at ACM CoNext 2008 and ACM SIGCOMM 2009, the Microsoft Graduate Research Fellowship, and the MIT Technology Review TR35 (2010).

Olivier Dousse received the MSc degree in physics from the Swiss Federal Institute of Technology at Lausanne, Switzerland (EPFL) in 2000, and the PhD degree in communication systems from the same institution in 2005. From 2006 to 2008, he was with Deutsche Telekom Laboratories in Berlin. He is currently a principal member of the research staff at Nokia Research Center in Lausanne. His research interests are in stochastic models for communication and social networks. He received an honorable mention for the 2005 ACM Doctoral Dissertation Competition, and he was awarded the Best Student Prize of the EPFL Graduate School in Communication Systems in 2001. He was runner-up for the IEEE INFOCOM Best Paper Award in 2003. He served as a guest editor of the IEEE Journal on Selected Areas in Communications in 2008 and has served on the program committees of many conferences and workshops, including IEEE INFOCOM, ACM MobiHoc, ACM MobiCom, and WiOpt.

Yuguang "Michael" Fang received the PhD degree in systems engineering from Case Western Reserve University in 1994 and the PhD degree in electrical engineering from Boston University in 1997. He was an assistant professor in the Department of Electrical and Computer Engineering at the New Jersey Institute of Technology from 1998 to 2000. He then joined the Department of Electrical and Computer Engineering at the University of Florida in 2000 as an assistant professor; got an early promotion to associate professor with tenure in 2003, and was promoted to full professor in August 2005. He held a University of Florida Research Foundation (UFRF) Professorship from 2006 to 2009 and holds a Changjiang Scholar Chair Professorship with Xidian University, Xi’an, China, from 2008 to 2011 and a Guest Chair Professorship with Tsinghua University, China, from 2009 to 2012. He has published more than 250 papers in refereed professional journals and conferences. Dr. Fang received the US National Science Foundation Faculty Early Career Award in 2001 and the US Office of Naval Research Young Investigator Award in 2002. He was the recipient of the Best Paper Award from the IEEE International Conference on Network Protocols (ICNP) in 2006 and the recipient of the IEEE TCGN Best Paper Award from the IEEE High-Speed Networks Symposium, IEEE Globecom, in 2002. Dr. Fang is also active in professional activities. He is currently serving as the editor-in-chief for IEEE Wireless Communications (2009-present) and serves/served on several editorial boards of technical journals including the IEEE Transactions on Mobile Computing (2003-2008, 2011-present), the IEEE Transactions on Communications (2000-present), the IEEE Transactions on Wireless Communications (2002-2009), the IEEE Journal on Selected Areas in Communications (1999-2001), IEEE Wireless Communications (2003-2009), and ACM Wireless Networks (2001-present). He served on the steering committee for the IEEE Transactions on Mobile Computing (2008-2010). He has actively participated in professional conference organizations, such as serving as the steering committee cochair for QShine (2004-2008), the technical program vice-chair for IEEE INFOCOM 2005, the technical program area chair for IEEE INFOCOM (2009-2012), the technical program symposium cochair for IEEE Globecom 2004, and a member of technical program committee for IEEE INFOCOM (1998, 2000, 2003-2008). He is a fellow of the IEEE and a member of the ACM.
Christina Fragouli received the BS degree in electrical engineering from the National Technical University of Athens, Greece, in 1996 and the MSc and PhD degrees in electrical engineering from the University of California, Los Angeles (UCLA), in 1998 and 2000, respectively. She is an assistant professor in the School of Computer and Communication Sciences, Swiss Federal Institute of Technology at Lausanne, Switzerland (EPFL). She has worked in the Information Sciences Center, AT&T Labs, Florham Park, New Jersey, and the National University of Athens. She also visited Bell Laboratories, Murray Hill, New Jersey, and DIMACS, Rutgers University. Her research interests are in network information flow theory and algorithms, network coding, and connections between communications and computer science. She served as an editor for the *IEEE Communications Letters* and is currently serving as an editor for the *IEEE Transactions on Information Theory*, the *IEEE Transactions on Communications*, and for Elsevier’s *Computer Communications*. She received the Fulbright Fellowship for her graduate studies, the Outstanding PhD Student Award 2000-2001 from UCLA’s Electrical Engineering Department, the Zonta award 2008 in Switzerland, and the Young Investigator ERC grant in 2009.

Allen B. MacKenzie received the BE degree in electrical engineering and mathematics from Vanderbilt University in 1999 along with the Chancellor’s Medal for most outstanding engineering student. He received the PhD degree in electrical engineering from Cornell University in 2003 with a dissertation entitled, “Game Theoretic Analysis of Power Control and Medium Access Control.” He is currently an associate professor in the Bradley Department of Electrical and Computer Engineering at the Virginia Polytechnic Institute and State University (Virginia Tech), where he has been on the faculty since 2003. Dr. MacKenzie’s research is in the broad area of wireless communications systems and networks. His current research interests include cognitive radio and cognitive network algorithms, architectures, and protocols and the analysis of such systems and networks using game theory. He is particularly interested in the application of cognitive radio and cognitive networking ideas to dynamic spectrum access systems. He is a coauthor of a popular short book on applying game theory to wireless communications and networking titled *Game Theory for Wireless Engineers* (Morgan & Claypool Publishers). He has also published three book chapters, 10 papers in respected peer-reviewed journals and professional magazines, and more than 35 peer-reviewed conference papers. Dr. MacKenzie’s research sponsors have included the US National Science Foundation, the US Defense Advanced Research Projects Agency, and the US National Institute of Justice. He also teaches broadly in the areas of wireless communications and networks. He regularly teaches courses in error control coding, information theory, and telecommunication networks. In Spring 2008, he organized a special graduate course on dynamic spectrum access networks. He has also taught several invited short courses and tutorials on game theory, cognitive radio and cognitive networks, and dynamic spectrum access networks. Dr. MacKenzie serves as an associate editor for the *IEEE Transactions on Communications*, one of the top-rated journals in the field of communications engineering. He cofounded the interdisciplinary workshop on game theory for networks (GameNets), which is now an annual conference supported by the Institute for Computer Sciences, Social Informatics, and Telecommunications Engineering (ICST). He is currently serving as the student grants and posters chair for the IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN) 2011 and serves (or has recently served) on the technical program committees of many conferences, including INFOCOM, DySPAN, Globecom, the IEEE Sensor, Mesh, and Ad Hoc Communications and Networks Conference (SECON), and the International Conference on Cognitive Radio Oriented Wireless Networks (CrownCom). Dr. MacKenzie is a senior member of the IEEE and a member of the American Society for Engineering Education (ASEE) and the ACM. In 2006, he received the Dean’s Award for Outstanding New Assistant Professor in the College of Engineering at Virginia Tech, and in 2010, he was awarded tenure and promoted to the rank of associate professor at Virginia Tech.

Mihail L. Sichitiu received the BE and MS degrees in electrical engineering from the Polytechnic University of Bucharest in 1995 and 1996, respectively. In May 2001, he received a PhD degree in electrical engineering from the University of Notre Dame. He is currently employed as an associate professor in the Department of Electrical and Computer Engineering at North Carolina State University. His primary research interest is in wireless networking with an emphasis on multihop wireless networks, including wireless mesh networks, wireless sensor networks, vehicular ad hoc networks, and networks with relays. He served as the program committee chair for the wireless ad hoc networking track of the International Conference on Computer Communications and Networks (ICCCN 2011) and has served several times on the program committees for IEEE Globecom, Broadnets, ICC, VTC, MASS, etc.