



2012 IEEE International Conference on Communications
10-15 June 2012 • Ottawa, Canada
www.ieee-icc.org/2012



CALL FOR PAPERS AND PROPOSALS

The 2012 IEEE International Conference on Communications (ICC 2012) is the flagship conference of IEEE Communications Society, which is to be held in Ottawa, Canada, from 10-15 June 2012. IEEE ICC 2012 is aimed at addressing a key theme on "Connect • Communicate • Collaborate." The program will feature major Symposia, Industry Forums, Workshops and Tutorials. Full details of submission procedures are available at www.ieee-icc.org/2012.

To be published in the IEEE IC C 2012 Conference Proceedings and IEEE Xplor e®, an author of an accepted paper is required to register for the conference at the full (member or non-member) rate and the paper must be presented at the conference. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full registration is valid for up to 3 papers. Accepted and presented papers will be published in the IEEE IC C 2012 Conference Proceedings and in IEEE Xplor e®.

PLANNED TECHNICAL SYMPOSIA

Selected Areas in Communications Symposium

Yacine Ghamri-Doudane, ENSIE, France
E-Health Area: Jian Song, Tsinghua University, China
Power Line Communications Area: Han Vinck, Germany
Smart Grids Area: Lutz Lampe, UBC, Canada
Tactical Communications & Operations Area: Gabe Jakobson, USA
Satellite & Space Communication Area: Igor Bisio, Italy
Access Networks Area: Jaafar Elmighani, University of Leeds, UK

Communication Theory Symposium

Jeff Andrews, University of Texas, Austin, USA
Martin Haenggi, Notre Dame, USA
Wei Yu, University of Toronto, Canada
Min Chen, Seoul National University, Korea

Next-Generation Networking Symposium

Mohammad Atiquzzaman, University of Oklahoma, USA
Cedric Westphal, Docomo Labs, USA
Kurt Tutschku, University of Vienna, Austria
Sidi-Mohammed Senouci, University of Bourgogne, France

Communication Software Services, and Multimedia Applications Symposium

Joel Rodrigues, University of Beira Interior, Portugal
Noura Limam, POSTECH, Korea
Toufik Ahmed, University of Bordeaux, France
Abdelhamid Melouk, University of Paris XII, France
Bin Wei, AT&T Research, USA

Wireless Communications Symposium

Ying Chang Liang, Institute for Infocomm Research, Singapore
Paul Fortier, Laval University, Canada
Simon Pun, Mitsubishi, USA
Jingxian Wu, University of Arkansas, USA
Sonia Aissa, INRS Telecom, Canada
Jerry Gibson, University of California, Santa Barbara, USA

Signal Processing for Communications Symposium

Arumugam Nallanathan, King's College London, UK
Said Boussakta, Newcastle University, UK
Reza Soleymani, Concordia University, Canada
Yu Cheng, IIT, Chicago, USA

Communication QoS, Reliability & Modeling Symposium

Charalabos (Harry) Skianis, University of Aegean, Greece
Mike Devetsikiotis, North Carolina State University, USA
Nirwan Ansari, NJIT, USA
Hideaki Yoshino, NTT, Japan

Communication and Information Systems Security Symposium

Abderrahim Benslimane, University of Avignon, France
Olivier Festor, INRIA, France
Rose Qingyang Hu, Utah State University, USA
Wen Tao Zhu, Chinese Academy of Sciences, China

Wireless Networking Symposium

Nidal Nasser, Guelph University, Canada
Vojislav Mistic, Ryerson University, Canada
Youssef Iraqi, KUSTAR, UAE
Nei Kato, Tohoku University, Japan

Optical Networks and Systems Symposium

Lena Wosinska, KTH, Sweden
Vinod Vokkarane, University of Massachusetts, Dartmouth, USA
Pin-Han Ho, University of Waterloo, Canada
Martin Maier, INRS Telecomm, Canada

Ad Hoc and Sensor Networking Symposium

Cheng Li, Memorial University of Newfoundland, Canada
Rami Langar, UPMC, France
Jalel Ben Othman, University of Versailles, France
Lei Shu, Osaka University, Japan
Sonia Waharte, Oxford, UK

Cognitive Radio and Networks Symposium

Ekram Hossain, University of Manitoba, Canada
Rajarathnam Chandramouli, Stevens Institute of Technology, USA
Rajeev Shorey, NIIT University, India
Charles Clancy, Lab for Telecommunication Systems, USA

PLANNED INDUSTRY FORUMS

Submissions are sought for Industry Forums on the latest technical and business issues in communications and networking topics: Proposals should be submitted to Adam Drobot (Adam.Drobot@2M.com) or Chi-Ming Chen (chimingchen@att.com) for reviews.

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| • Wireless Evolution | • Device Ecosystems | • Identity Management | • HealthCare | • Service Management |
| • Wired Broadband | • Network Convergence | • IPTV | • Government & Defense | • Hospitality |
| • Cloud | • On-Line Charging | • Applications | • Content | • Energy Management |
| • Policy | | | | |

TUTORIALS

Tutorial proposals are invited for half- or full-day Tutorials in communications and networking topics. Proposals should be submitted in a PDF file for review via EDAS. If you have any questions about submitting your proposal, please contact the Tutorials Chair Azzedine Boukerche (boukerch@site.uottawa.ca) or Abbas Jamalipour (a.jamalipour@ieee.org)

EXECUTIVE COMMITTEE

General Chair Ibrahim Gedeon	Vice General Chair Alex Gioza	Executive Conference Chair Wahab Almuhtadi	TPC Chair Hussein T. Mouftah	TPC Co-Chair Raouf Boutaba	Symposia Chair Hossam Hassanein
IF&EC Chair Brian Lakey	IF&EC Co-Chair Rafik Goubran	IF&EC Co-Chair John Grefford	OPC Chair Raed Abdullah	OPC Co-Chair Claude Brulé	GITC Advisor Mehmet Ulema

IMPORTANT DATES

Paper Submission 28 Sep 2011	Paper Acceptance 9 Jan 2012	Camera-Ready Paper 10 Feb 2012	Industry Forum Proposal 29 Aug 2011	Tutorial Proposal 19 Sep 2011
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