# IEEE ICC 2012 to Feature "Paperless+" Wireless Networking Event

The IEEE International Conference on Communications (ICC), the leading international venue dedicated to the advancement of wireless and wireline communications worldwide, has initiated registration for its first “paperless+” annual event to be held June 10 – 15 at the Ottawa Convention Centre in Ottawa, Canada. Themed “CONNECT – COMMUNICATE – COLLABORATE,” IEEE ICC 2012 is expected to host thousands of industry professionals, scientists, academics and government officials, who will attend nearly 1,500 presentations highlighting the entire range of communications technologies, while touring Canada’s beautiful capital city and participating in wide-ranging local festivities.

In addition, held with the support of Ottawa Tourism, Invert Ottawa and IEEE Ottawa Section, the IEEE ICC 2012 Organising Committee is also actively promoting numerous tour packages designed to help conference attendees experience the city’s natural beauty and urban amenities. This includes a wide selection of cultural orientation tours as well as natural activities like white water rafting on the Ottawa River, spelunking in the Lafleche Caves and cycling in the Gattineau Hills.

“Ottawa is the ideal location for this year’s International Conference on Communications,” says the IEEE ICC 2012 General Chair Ibrahim Gedeon, CTO, Telus. “The city’s spectacular scenery, world-class amenities and renowned scientific achievements provide the perfect backdrop for this year’s premier global event, which is focused only on the newest and brightest communications research and the goal to foster a new, advanced generation of interpersonal interaction and global business opportunities.”

During the course of the six-day, premier global event, IEEE ICC 2012 will feature a full agenda of keynotes, panel discussions and technical symposia offered by leading industry experts representing nearly every field of communications. Local Canadian authorities included in this esteemed dais are:

- Eros Spadotto, Executive Vice President, Technology Strategy at TELUS, who will deliver the conference’s opening keynote on Tuesday morning
- Malcolm Vant, Special Officer, DRDC Ottawa; Guy Vezina, Director General, Defence R&D Canada; and Albert J. Simard, Knowledge Manager, Defence Research & Development Canada, who will speak on various government and defense issues including “NATO Cyber Defence Policy”
- Matt Christensen of TELUS, who will discuss the “Future of In-home Networking”
- Chris Bachalo, CTO of Juniper Networks Canada, who will address the latest breakthroughs in “Home Programmable Networks”

- Rodney G. Wilson, Senior Director External Research Ciena, who will talk about “Wired Broadband & Optical Fibre Network Advancements”
- Marc Blanchet, President & CEO of Viagenie, Canada; Yves Poppe, Director of Business Development IP Strategy at Tata Communications, Canada; and Serge Caron, Senior Director of Information Service and Technology, ITD, CIOB, Treasury Board Secretariat, who will all speak at the conference’s IPv6 Industry Forum and address topics like “IPv6’s Impact on the Enterprise” and “The Impact of IPv6 on Large ISPs”

Beginning on Sunday, June 10, IEEE ICC 2012 will open with a special workshop titled “Telecommunications: From Research to Standards.” On the following day, the conference will then formally commence with a full day of tutorials and workshops spotlighted by the "special interest session" on “Humanitarian Communication Applications: Solutions for the next billion people.” Other tutorial and workshop topics include “Energy Harvesting for Communication,” “Intelligent Vehicular Networking,” “Mobile Consumer Health Care Networks,” “Cognitive Radio & Green Networking,” “Wireless Systems in the Future Internet” and “Cloud Networks.”

From Tuesday through Thursday, the conference will then dramatically broaden with hundreds of sessions highlighting nearly every area of wireless networking and communications. Key to this year’s event are the 18 Industry Forums featuring topics related to “Social Networks: Impact on Quality of Life,” “India’s eGovernance,” “Cloud Communications Security & Networking,” “End-to-end Ethernet Management,” “Heterogeneous (HeNet) Network Deployment,” “Multi-screen IPTV,” “Future Home Gateway Services,” “True Green Data Centers” and “Enabling Your Cloud.”

Over this three-day span, IEEE ICC 2012 will also punctuate its high-level schedule with the keynotes of other noted experts like Matt Bross, CTO & Vice Chairman at Huawei, and Marcus Weldon, CTO at Alcatel-Lucent. Additional renown scientists and industry professionals expected to speak at the event are Lucy Hood, Executive Director at Communication Technology Management (CTM); Lauren States, Vice President, Cloud Computing at IBM; Ian Akyildiz, Professor at Georgia Tech; Victor Bahl, Director, MCRC at Microsoft; Vincent Poor, Professor at Princeton University; Raj Jain, Professor at Washington University, St-Louis; and P. R. Kumar, Professor at Texas A&M University.

Another special highlight is the event’s comprehensive technical program composed of more than 200 individual sessions and the presentation of over 1,000 original papers. Throughout the conference, international attendees will have the opportunity to explore the newest applications and advances in “Vehicular Network Synthetic Modeling,” “3GPE: Energy Efficient Indoors Wi-Fi,” E-voting Systems that Ensure Voter Confidentiality & Accuracy,” “Misbehaviour Detection in Next-Generation Networks,” “Enriched IPv6 Services Personalization,” “Smart Grid Machine-to-Machine Communications” and “Green Optical Network Design.”

In addition, IEEE ICC 2012 will be earmarked by the Exhibition of Innovation, which will display the products and services of more than 20 leading international corporations. This includes the latest research and product and service

developments from global telecommunications corporations such as Telus, Huawei, Nokia Siemens Networks, Cisco, LG, Juniper, NEC, RIM, Fujitsu, Oracle, Qualcomm, Comcast, SAP, Sigma, TELUS, Alcatel-Lucent, Ciena and IBM.

As part of this year's registration package, all full, limited & one-day registrants will also receive a Blackberry Playbook 16GB upon arrival. In the desire to actively promote conservationism, efficiency and environmentalism, the conference will then update each tablet daily with all standard program and presentation information including the exhibition guide, news and updates.

**IEEE ICC 2012**
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