IEEE ICC 2014 to Focus on *Communications: Centrepoint of the Digital Economy*
from June 10 – 14 in Sydney, Australia
Thousands of International Experts to Attend Industry Leading Forum Dedicated to the Latest Advancements in Voice, Data, Image & Multimedia Communications

NEW YORK, NEW YORK (April 21, 2014) -- The IEEE International Conference on Communications (ICC 2014), the leading international venue dedicated to the advancement of wireless and wireline communications worldwide, will hold its next annual event from June 10 – 14 at the Hilton Sydney Hotel in Sydney, Australia surrounded by iconic natural wonders and world-renown cultural attractions such as Darling Harbour, Royal National Park, the Sydney Opera House, Sydney Harbour Bridge, Museum of Contemporary Art Australia, Queen Victoria Building and Bondi Beach.

"Sydney is a spectacular choice for this year's conference," says General Chair Farzad Safaei, Professor and Director, ICT Research Institute, University of Wollongong, Australia. "It offers the ideal setting for networking with colleagues, learning about the latest work and advances in the communications field and then enjoying the marvelous amenities provided by one of the world's most beautiful cities. Stunning harbours, world-class theatres, great shopping, museums, art galleries and first-class dining have all combined with our extensive, five-day program to place IEEE ICC 2014 among the most highly-anticipated events we've had in years."

Themed "Communications: The Centrepoint of the Digital Economy," IEEE ICC 2014 will begin Tuesday, June 10 with a full day of tutorials and workshops. This includes nearly 20 separate sessions dedicated to topics such as "Cooperative Near-Capacity Wireless System Design," "M2M Communications and Next Generation Global IoT," "Network Coding: From Theory to Practice," "Recent Advances in Communication Infrastructures for Smart Grid Rose," "Small Cell and 5G Networks (SmallNets)," "Communications in Underground and Confined Environments (Underground)" and "Secure Networking and Forensic Computing (SNFC)."

On the following morning, the conference's robust business and technical program will commence with Professor Bijan Jabbari of George Mason University discussing "Wireless Evolution: From Connecting People to Connecting Machines." During his remarks, Dr. Jabbari will highlight the advances in multimedia content delivery services that have made the instantaneous access to content from smart devices part of our daily lives. Other areas explored will be the many challenges posed by the next wave of innovative machine-to-machine applications as well as the main requirements for creating a functional wireless and global ecosystem that connects society with machines.

Also joining Dr. Jabbari on this year's keynote agenda will be Prof. Rahim Tafazolli, Director of the Centre for Communications Systems Research (CCSR) and 5G Innovation Centre (5GIC) at The University of Surrey in the United Kingdom, who will speak on "5G New Infrastructure for Digital Economy and Connected Society" and the targets that must be set by today's standardization bodies and regulators. Other leading communications authorities speaking at IEEE ICC 2014 include:

- Rod Tucker, Emeritus Laureate Professor at the University of Melbourne, who will discuss "Infrastructure for the Digital Economy - Australia's National Broadband Network: politics confronts technology" and the government's latest plan to use lower-cost and lower-bandwidth copper-based connections to connect the vast majority of the country's homes and businesses
- Professor Theodore (Ted) S. Rappaport of New York University, who will speak on "Defining the Wireless Future - Millimeter Wave Wireless Communications: The Renaissance of

Computing and Communications" and the completely new applications and solutions that will create a new era wireless communications

- Dr. Chih-Lin I, Chief Scientist of Wireless Technologies at China Mobile, who will explore "Defining the Wireless Future - Vision 2020: Perspectives of Mobile Operators (5G: Data Rate and More) and the solutions for integrating wireless technologies with mobile infrastructures, enhancing network capacities while keeping the TCO at a reasonable level and overcoming a next generation wireless system faced with a 1000x traffic load increase

In addition, Wednesday through Friday, will be earmarked by a comprehensive program of technical, industrial and business forums detailing the latest advances in communications technologies and policies. Among these will be six separate industry and business panels covering the latest research from leading organizations such as NTT Network Innovation Laboratories, Samsung Electronics, NTT DoCoMo InterDigital and Ericsson on the topics of "Advanced Technologies for Disaster-Resilient Networks," "Immersive and 3D Multimedia," "5G – Global Initiatives and Spectrum," "Green ICT," "Intelligent Transport Systems" and "Wireless Backhauls for Future Broadband Networks.

Other conference highlights include the presentation of more than 900 original technical papers exploring subjects like "Compressive Sparsity Order Estimation for Wideband Cognitive Radio Receivers." "Exploring Device-to-Device Communication for Mobile Cloud Computing," "Joint Cloud and Radio Resource Management for Video Transmissions in Mobile Cloud Computing Networks," "Traffic Grooming and Energy-efficiency in Flexible-Grid Networks" and "Optimal Energy and Spectrum Sharing for Cooperative Cellular Systems."

The last day of IEEE ICC 2014 will then be held on Saturday, June 14 and offer a second full day of tutorials and workshops addressing subjects like "Wireless Powered Communication: Opportunities and Challenges," "Visible Light Communication in the Intelligent Transportation Systems," "Game-theoretic Methods for Device-to-Device Communications," "Distributed Mobility Management for Future Internet," "Designing Intelligent Energy Harvesting Communication Networks," "Fiber-Wireless Integrated Technologies," "Systems and Networks (FWITSN)," "Advances in Network Localization and Navigation (ANLN)" and "Cooperative and Cognitive Mobile Networks (CoCoNet 4)."

For more information on IEEE ICC 2014, please contact Heather Ann Sweeney of the IEEE Communications Society at 212-705-8938 and/or h.sweeney@comsoc.org. Additional details including ongoing conference updates are available at www.ieee-icc.org/2014. All website visitors are also invited to network with colleagues and peers, share their professional experiences through the conference's Facebook, LinkedIn and Twitter pages.

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