



# 2013

**IEEE INTERNATIONAL CONFERENCE  
ON COMMUNICATIONS**  
INDUSTRY FORUM & EXHIBITION  
9-13 JUNE • BUDAPEST, HUNGARY



## BRIDGING THE BROADBAND DIVIDE



**IEEE ICC** is dedicated to furthering the understanding of communications areas currently under research and to fostering next-generation theories and practices.

The **12 Technical Symposia** will feature presentations on current research and development results in areas of networks and the Internet, communications QoS, communication software and services, security, optical networks, and wireless communications and networking.

**22 Tutorials, 20 Workshops and 10 Industry & Business Panels** will provide more application and implementation-oriented information in a broad range of communication areas from cognitive radio networks, ultrawide bandwidth systems and automotive networking and telematics to cognitive and cooperative wireless networks and green communications.

Exciting and thought-provoking **Keynote & Invited Addresses** will be delivered by top industry executives and academic advisors.

### KEYNOTES



**Gerhard P. Fettweis**  
TU Dresden



**Erik Dahlman**  
Ericsson Research



**Thomas Wiegand**  
TU Berlin



**Peter Winzer**  
Bell Labs, Alcatel-Lucent

### INVITED SPEAKERS



**Jakob Hoydis**  
Alcatel-Lucent,  
Bell Labs



**Ove Edfors**  
Lund University



**Michalis Matthaiou**  
Chalmers University  
of Technology



**David Gesbert**  
EURECOM



**Ralf Müller**  
University of  
Erlangen-Nuremberg



**Giuseppe Caire**  
University of Southern  
California, Los Angeles



**Theodore S. Rappaport**  
Polytechnic Institute of  
New York University



**Amitabha Ghosh**  
Nokia Siemens Networks



**Upamanyu Madhow**  
University of California,  
Santa Barbara



**Robert W. Heath Jr.**  
University of Texas,  
Austin



**Wonil Roh**  
Samsung Electronics

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