

Radio Communications Committee (RCC) Meeting
 Jun 2009, Dresden, Germany

IEEE COMMUNICATIONS SOCIETY
Radio Communications Committee (RCC)

ICC 2009 – Dresden
 16 June, h. 12:00 - 13:00
 Room Seminar 6 (Convention Center)

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6th International Symposium on Wireless Communication Systems 2009 (ISWCS 2009), 7-10 September, 2009, Siena, Italy

Giovanni Giambene, University of Siena, Italy - General Chair
Yuming Jiang, Norwegian University, Norway - General co-Chair
Boon Sain Yeo, SensiMesh Pte Ltd, Singapore - Finance Chair
Rajeev Shorey, GM Research, India - Technical Program Chair
Maria Luisa Merani, University of Modena and R. Emila, Italy - Panel Chair
Andreas Kessler, Karlstad University, Sweden - Tutorial Chair

<http://www.iswcs.org/iswcs2009/>

Total Submissions: 270
 Accepted: 150
 Rejected: 120
 Acceptance ratio (oral+poster presentations): 55%
 TPC members: 77
 At least two (and up to four) reviews per paper.







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ISWCS 2009 topics

- ◆ Cooperative communication systems
- ◆ Cognitive radio networks
- ◆ Radio resource management
- ◆ Wireless access techniques
- ◆ Cross-layer air interface design
- ◆ Mobile Internet
- ◆ Wireless privacy and security
- ◆ Wireless IP
- ◆ Wireless network architectures and technologies
- ◆ Digital signal processing
- ◆ Standardization in working groups IEEE 802.11, 802.15, and 802.16
- ◆ MANETs
- ◆ Vehicular Networks (VANETs)
- ◆ End-to-End QoS provision
- ◆ Coding modulation and equalization
- ◆ DVB and DAB techniques
- ◆ Novel wireless routing techniques
- ◆ Mobility management
- ◆ RFID networking
- ◆ MIMO
- ◆ Traffic control and engineering
- ◆ Wireless mesh networking
- ◆ Wireless sensor networks
- ◆ Innovative services and applications

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ISWCS 2009 details

- ◆ Plenary speakers:
 - Giridhar D. Mandyam, Vice President of Technology, Qualcomm Internet Services
 - Krishan Sabnani, Vice President of Networking Research, Bell Labs
 - Henry Tirri, Head of Nokia Research Center, Nokia
- ◆ Tutorials (September 7):
 - "Mobility and Multiaccess in Emerging Internet Architectures", by Kostas Pentikousis
 - "Robust Multiuser MIMO Transceiver Design Under Channel Uncertainty", by Michael Botros Shenouda, Timothy N. Davidson, Lutz Lampe
 - "Cognitive Radios and Wireless Networks", by Petri Mähönen and Marina Petrova
 - "Biologically-Inspired and Nano-scale Communication and Networking", by Falko Dressler and Ozgur B. Akan

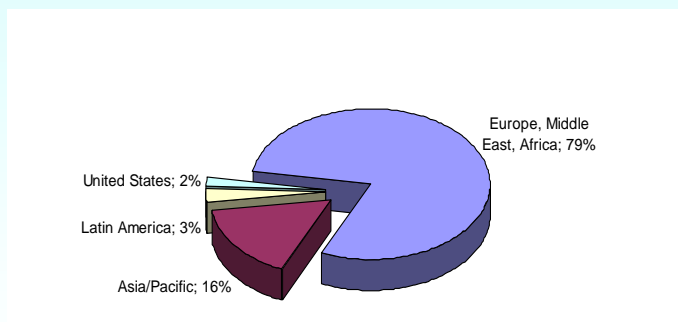
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ISWCS 2009 details

- ◆ Panel Session (September 9), "Wireless Future: Green and Cooperative Networking?"
 - Maria Luisa Merani – *Panel Chair* (University of Modena and Reggio Emilia, Italy)
 - Bernard Barani (INFSOD European Commission, Belgium)
 - Vijay Bhargava (University of British Columbia, Canada)
 - Ing. Flavio Boano (Head of Technical Innovation Solution & Marketing, Alcatel-Lucent Italia, Italy)
 - Giridhar Mandyam (Vice President of Technology, Qualcomm Internet Services, USA)
 - Roberto Saracco (Director of the Future Centre of Telecom Italia, Italy)
 - Reinaldo Valenzuela (Director of the Wireless Communications Research Dept., Bell Labs, Lucent Technologies, USA)

ISWCS 2009, submissions per area

- ◆ Breakdown of papers by country: the distribution of the origin of the authors of submitted papers is as follows



The number of accepted papers is 151.

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**IEEE COMMUNICATIONS SOCIETY
Satellite and Space Committee (SSC)**

ICC 2009 – Dresden

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**5th International Workshop on Satellite and Space
Communications 2009 (IWSSC 2009), 9-11 September, 2009,
University of Siena, Siena, Italy**

Giovanni Giambene, University of Siena, Italy - *General Chair*
**Boon Sain Yeo, SensiMesh Pte Ltd, Singapore - *General Co-Chair and
Finance Chair***
Haitham Cruickshank, University of Surrey, UK - *Technical Program Chair*
Yi Qian, NIST, USA - *Panel Chair*
Sastri Kota, Harris Corp., USA - *Publicity Chair*
Anton Donner, DLR, Germany - *Tutorial Chair*

<http://iwssc09.dii.unisi.it/>

 Total Submissions: 95
 TPC members: 50
 At least two (and up to four) reviews per paper.
 Early online registration ends July 6, 2009

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IWSSC 2009 topics

- ◆ Standards Status and Evolution (e.g., ITU, ETSI)
- ◆ Hybrid Satellite and Terrestrial Networking
- ◆ Integration of Satellite and Ancillary Systems
- ◆ Reliable Multicast Protocols
- ◆ Acceleration of Transport Protocol over Satellite
- ◆ IP over Satellite and QoS support
- ◆ Forward and Return Link Encapsulation
- ◆ Delay Tolerant Networking
- ◆ Network Management & Control Issues
- ◆ Testbed results
- ◆ Radio Resource Management
- ◆ Cross-layer Air Interface Design
- ◆ Call Admission Control Schemes
- ◆ Dynamic Bandwidth Allocation
- ◆ Advances in Modulation and Coding
- ◆ Advances in Antenna Technology
- ◆ Channel Models
- ◆ Secure Networking for Satellite Systems
- ◆ Mobile Satellite Systems and Services
- ◆ Navigation Services
- ◆ Satellite services for Emergency Communications
- ◆ Integration of Satellite Positioning and Services

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ISWCS 2009 details

- ◆ Plenary speakers:
 - "Next Generation Network Technologies for Emerging Services and Applications" by Sastri Kota - Harris Corporation (USA)
 - "Trends in Mobile Satellite Systems" by Nicolas Chuberre - Thales Alenia Space (France)
- ◆ Tutorials (September 9):
 - "A Suitable Protocol Stack for Space Communications: the CCSDS Suite", presented by Tomaso de Cola, DLR, Germany
 - "DVB-S2/RCS Enhanced for Mobile Applications", presented by Stefano Cioni (Authors: S. Cioni, G. E. Corazza, A. Vanelli-Coralli), University of Bologna, Italy
 - "Managing Aeronautical Telecommunication: a Role for Satellite?", presented by Christian Kissling, DLR, Germany
 - "Satellite Network Security and Related Research Issues", presented by Haitham Cruickshank, University of Surrey, UK

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IWSSC 2009 details

- ◆ Panel Session (September 9), "Key R&D Directions for Satellite Communications 2020", Organized by Yi Qian, NIST, USA
 - Participants:
 - Sastri Kota, Harris Corporations, USA (also Panel Moderator)
 - Riccardo de Gaudenzi, European Space Research and Technology Centre (ESA/ESTEC) in the Netherlands
 - Aradhana Narula-Tam, MIT Lincoln Labs, USA
 - Julián Seseña, AETIC, Spain
 - Vincenzo Fogliati, Telespazio, Italy

The IWSSC 2009 event is be co-located with the VTS&ComSoc event "6th International Symposium on Wireless Communication Systems 2009" (ISWCS 2009), September 7-10, 2009, Siena, Italy
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IWSSC 2009, submissions per area

- ◆ Breakdown of papers by country: the distribution of the origin of the authors of submitted papers is as follows

Region	Percentage
Europe, Middle East, Africa	89%
Latin America	15%
North America	14%
Asia/Pacific	8%

The number of accepted papers is 88.

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Conferences Location

- ◆ Faculty of Engineering of the University of Siena: ground level & external pavilion



Conference location: map of the ground level with allocation of spaces

