

IEEETCCN Meeting at ICC'11 (Kyoto)

Report on the Technical Committee on Cognitive Networks (TCCN) of IEEE Communications Society (ComSoc)

Honggang ZHANG
IEEE TCCN Chair
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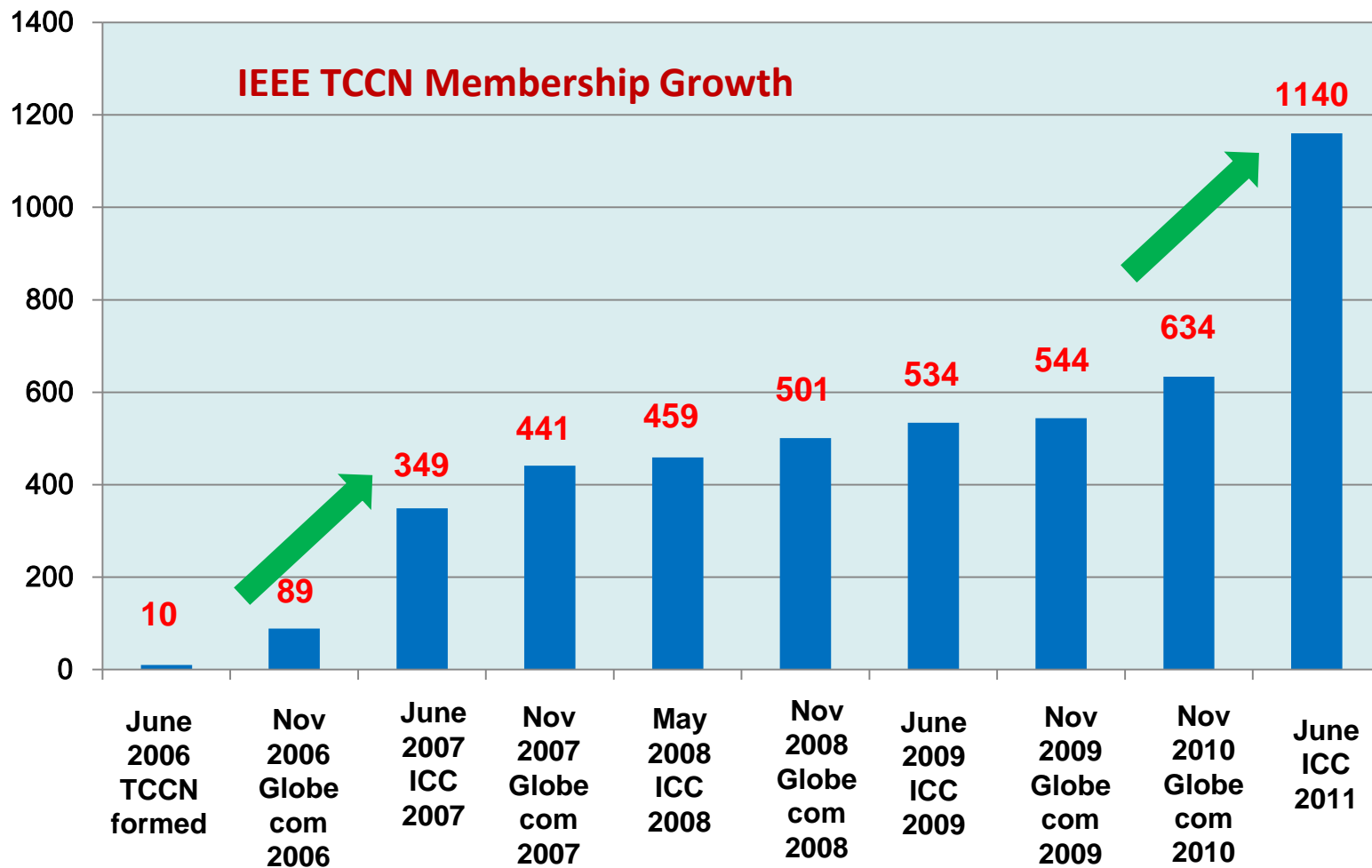
TCCN Meeting Agenda

1. Welcome & Introduction
2. Approval of the Agenda
3. Approval of TCCN Meeting Minutes (Globecom'10@Miami)
4. Report on status of TCCN (Honggang Zhang)
5. Reports on ICC'11 (Ozgur Oyman, **Chen He**, Hiroshi Harada)
6. Report on Globecom'11 (**Qing Zhao**, Natasha Devroye, Alexander M. Wyglinski, F. Richard Yu)
7. Report on WUN CogCom (**David Grace**)
8. Report on European COST IC0902 (**Maria-Gabriella Di Benedetto**)
9. Report on European COST IC0905 (**Oliver Holland**)
10. Discussion on TCCN Best Paper Award
11. Next TCCN Meeting (Globecom'11, Houston)
12. Other business
13. Adjourn

IEEE TCCN: Scope, Vision & Mission

- The goal of **IEEE TCCN** is to provide a platform for its members in particular, and the *cognitive networking* research, development, policy making and standardization community in general, to interact and exchange technical ideas to identify major challenges and also drive solutions in the development of *cognitive networking technologies*.
- The technical issues addressed by the committee will include spectrum agile/dynamic spectrum access networks, related issues from PHY to application layers, security issues, policy issues (e.g., spectrum policy reform by U.S., Canada and European Union), implementation technologies (e.g., software radio, middleware), economic considerations and standardization activities.

IEEE TCCN Membership Growth



IEEE TCCN Leader Team (2011-)

➤ **Chair**

Honggang Zhang, Zhejiang University, China

➤ **Vice-Chairs**

Ramachandran Ramjee, Microsoft Research India (TCCN Vice-Chair Asia Pacific)

K.P. Suba Subbalakshmi, Stevens Institute of Technology, USA (TCCN Vice-Chair North America)

Jaime Lloret Mauri, Polytechnic University of Valencia, Spain (TCCN Vice-Chair Europe/Africa)

➤ **Secretary**

R. Venkatesha Prasad, Delft University of Technology, Netherlands

IEEE TCCN Leader Team (2011-)

- **IEEE ComSoc Standards Liaison**
R. Chandramouli, Stevens Inst. of Technology, USA
- **WUN CogCom Liaison**
David Grace, University of York, UK
- **Industry Liaisons**
Markus Mueck, Intel, Germany
Zander Zhongding Lei, Institute for Infocomm Research (I2R), Singapore
Maziar Nekovee, BT Labs/UCL, UK
Carlos Cordeiro, Intel, USA
- **Regulatory Liaison**
Reza Karimi, Ofcom, UK

IEEE TCCN Leader Team (2011-)

- **IEEE 802.22 Liaison**
Apurva N. Mody, BAE Systems, USA
- **IEEE DYSPAN Standards Committee Liaison**
Oliver Holland, King's College London, UK
- **European COST Action IC0902 Liaison**
Maria-Gabriella Di Benedetto, University of Rome “La Sapienza”, Italy
- **European COST Action IC0905 Liaison**
Oliver Holland, King's College London, UK

IEEE TCCN Leader Team (2011-)

- **Publications Award Committee**
Sumit Roy, University of Washington (Chair), USA
R. Chandramouli, Stevens Inst. of Technology, USA
Preston Marshall, USC/ISI, USA
Kiran Challapali, Philips Research, USA
- **Recognition Award Committee**
Petri Mähönen, RWTH Aachen University (Chair), Germany
John Chapin, Vanu, USA
Alexander D. Gelman, NETovations Group, USA
Joseph Mitola III, Stevens Institute of Technology, USA
- **Web-chair**
Wenjing Wang, Attila Technologies, USA

Key TCCN Activities

- **IEEE ComSoc Flagship Conference: IEEE ICC series**
 - ✓ **Selected Areas in Communications Symposium (ICC 2009, 2010)**
 - ✓ **Cognitive Radio and Networks Symposium (ICC 2011, 2012, etc.)**

- **IEEE ComSoc Flagship Conference: IEEE Globecom series**
 - ✓ **Selected Areas in Communications Symposium (Globecom 2008, 2009, 2010)**
 - ✓ **Cognitive Radio Networks Symposium (Globecom 2011, 2012, etc.)**

- **IEEE DySPAN series**

➤ IEEE TCCN Recognition Award:



- ✓ The very first **IEEE TCCN Recognition Award** is offered to **Prof. Joseph Mitola III** for his pioneer leadership for and fundamental contribution to Cognitive Radio research and development.
- ✓ This **IEEE TCCN Recognition Award** was decided by the TCCN Award Committee at the previous Globecom 2010 in Miami (December 2010).
- ✓ The awarding ceremony will be held at the IEEE DySPAN 2011 in Aachen, which will be chaired by Prof. Petri Mähönen (TCCN Recognition Award Committee Chair).
- ✓ At the awarding ceremony, the IEEE TCCN Recognition Award plaque will be presented to **Prof. Joseph Mitola III** with citation as “*...For his pioneering contributions to and continuing leadership of the cognitive radio field...*”.



Thank You !

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