

# Report on CrownCom 2007 & 2008 - IEEE TCCN Meeting within Globecom 2007

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28 December, 2007
Hilton Washington Hotel
Washington, USA







## <u>CrownCom 2007: Second International Conference on Cognitive Radio</u> Oriented Wireless Networks and Communications

Date: August 1-3, 2007

Site: Orlando, Florida, USA

- The inter-disciplinary nature of CrownCom 2007 could be recognized by the fact that it was technically sponsored by the IEEE <u>ComSoc</u>, IEEE <u>MTT-S</u>, IEEE <u>VTS</u>, <u>EURASIP</u>, CREATE-NET, ICST, and Stevens Institute of Technology
- Best Paper Award Sponsor: iNET (Stevens Institute of Technology)







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## **CrownCom 2007 Statistics (I)**

- Keynote Speech: 3 internationally recognized experts
  - (1) Dr. Joseph Mitola III, MITRE
  - (2) Dr. Robert O'Dea, Motorola Fellow, Motorola
  - (3) Prof. <u>Victor Lawrence</u>, Associate Dean and Director of iNETS, Stevens Institute of Technology
- ➤ **Technical Program**: <u>78</u> papers, <u>3</u> tracks with <u>18</u> sessions included <u>11</u> invited papers, <u>53</u> accepted (out of <u>88</u> submissions) full papers, and <u>14</u> work-in-progress short papers. (Every submitted paper was reviewed by at least three independent reviewers)
- CrownCom 2007 attendees: 104
- One Special Session on the fundamental theory of dynamic spectrum access organized by Dr. <u>Ananthram Swami</u> (US Army Research Labs) and Dr. <u>Qing Zhao</u> (University of California Davis)
- Selected Accepted Papers will appear in ACM/Springer MONET ("Cognitive Radio Oriented Wireless Networks") special issue



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## **CrownCom 2007 Statistics (II)**

#### > 2 Best Student Paper Awards:

- (1) Juan-Andres Bazerque and Georgios B. Giannakis, University of Minnesota, "Distributed Scheduling and Resource Allocation for Cognitive OFDMA Radios"
- (2) Fan Wang, Marwan Krunz, and Shuguang Cui, University of Arizona, "Price-Based Spectrum Management in Cognitive Radio Networks"

#### > 2 Panels:

- (1) "Cognitive Radio Spectrum Access: What About QoS Support?": organized by David Grandblaise (Motorola, France) and Patricia Martigne (Orange-FTP, France); panelists: Kiran Challapalli (Philips Research), Klaus Mossner (University of Surrey, UK), John Sydor (CRC, Canada) and Kazunori Takeuchi (KDDI R&D Labs, Japan)
- (2) "Sharing Spectrum with Television Broadcasters": organized by Jon Peha (CMU): panelists: Jon Peha (CMU), Bruce Franca (MSTV), Kiran Challapalli (Philips Research), Kyutae Lim (Georgia Tech) and Chuck Jackson (JTC)

#### 2 Tutorials:

- (1) Luiz DaSilva and A. B. MacKenzie (Virginia Tech): fundamental concepts of cognitive networks
- (2) B. Farhang-Boroujeny and R. Kempter (University of Utah): signal processing aspects of cognitive wireless networks



## **CrownCom 2007 Highlights**



Keynote Speech by Dr. Joseph Mitola III



Keynote Speech by Dr. Robert O'Dea



Keynote Speech by Dr. Victor Lawrence



Opening Ceremony of CrownCom 2007

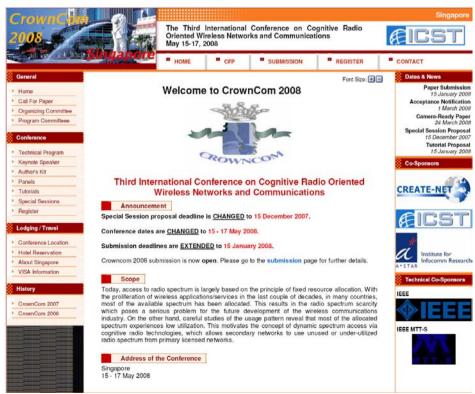




# CrownCom 2008: Third International Conference on Cognitive Radio Oriented Wireless Networks and Communications

- Co-organizers: <u>I2R</u> (Institute for Infocomm Research), CREATE-NET, ICST
- Date: <u>15-17 May</u>, <u>2008</u>
- Site: Singapore (Note: VTC2008-Spring in Singapore, May 11-14, 2008)
- Technical Co-sponsors: <u>IEEE MTT-S</u> (approved), IEEE ComSoc (under application), IEEE VTS (under application)

# Paper Submission 15 January 2008 Acceptance Notification 1 March 2008 Camera-Ready Paper 24 March 2008 Special Session Proposal 15 December 2007 Tutorial Proposal 15 January 2008







### **CrownCom 2008 Key Players**

#### **Organizing Committee**

Title	Name	Affiliation
General Chairs	Francois Chin Geok Leng Tan	I <sup>2</sup> R, Singapore IDA, Singapore
General Vice-Chair	Yong Huat Chew	I <sup>2</sup> R, Singapore
Technical Program Chairs	Ying-Chang Liang Vahid Tarokh Douglas Sicker Qian Zhang	I <sup>2</sup> R, Singapore Harvard U, USA U of Colorado, USA Hong Kong UST, China
Sponsorship Chair	Chia-Chin Chong	DoCoMo USA Labs
Panel Chairs	Zander Lei Haifeng Wang	I <sup>2</sup> R, Singapore Nokia, China
Tutorial Chair	Hitoshi Yoshino	NTT DoCoMo, Japan
Special Sessions Chair	Chang-Joo Kim	ETRI, Korea
Publicity Chairs	Maria-Gabriella Di Benedetto Hiroshi Harada Gang Wu	U of Rome La Sapienza NICT, Japan U Elect Sci Tech, China
Publication Chair	Yonghong Zeng	I <sup>2</sup> R, Singapore
Organizing Chair	Kitti H. Kovacs	ICST - European
Web Chair	Wai-Leong Yeow	I <sup>2</sup> R, Singapore
Local Arrangement Chair	Manjeet Singh	I <sup>2</sup> R, Singapore





# See You in Singapore (CrownCom 2008) - Thanks!

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