

Technical Committee on AHSN Meeting

Tuesday December 10th 7:00-8:30

Room 401/402/4th Floor

Ad hoc and Sensor Networks TC Meeting
Globecom 13, Atlanta, USA

Agenda

- ◆ **Welcome/Introduction**
- ◆ **Approval of Minutes of ICC 2013 meeting**
- ◆ **Business arising from the minutes**
- ◆ **AHSN TC Technical Recognition Award**
- ◆ **Standards Activities**
- ◆ **Update on AHSN TC Newsletters**
- ◆ **Conferences/Symposia**
- **TC Election**
- **Adjourn**

Ad hoc and Sensor Networks TC Meeting

Globecom 13, Atlanta, USA

Minutes of the AHSN TC minutes

Meeting held Monday June 10th

Ballroom/1st Floor

ICC 2013, Budapest, Hungary

Officers:

Chair: Azzedine Boukerche

Vice Chair: Nei Kato

Secretary: Jalel Ben Othman

Past Chair: Hossam Hassanein

Number of Attendees: 54 people

The meeting commenced at 7:00 am and was adjourned at 8:30 am.

• Welcome and Introduction

Dr. Azzedine Boukerche, The chair of AHSN TC introduces the Officers and asked the attendees to introduce themselves.

• Business arising from the minutes

There was no business arising.

• Reports on Conferences

Dr. Azzedine Boukerche delivered the reports of following symposiums/conferences.

• Sponsored Activities:

R. Venkatesha Prasad (Delt University of Technology presented Some Activities.

Globecom '2012: Ad Hoc, Sensor, and Mesh Networking Symposium – Globecom '2012, Anaheim, CA, USA

Co-Chair

Lynda Mokdad University of Paris-Est, Creteil, France

Sponsoring committees

Technical Committee on Wireless Communications (WC)

Technical Committee on Ad Hoc and Sensor Networks (AHSN)

Technical Committee on Information Infrastructure (TCII)

Statistics

241 TPC members

319 submissions

119 Accepted papers

The AHSN TC Technical Recognition Award

➤ **Committee Members**

- **Azzedine Boukerche (Current TC chair)**
- **Hossam Hassanein (past TC chair) committee chair**
- **Nirwan Ansari (past TC chair)**
- **Hussein Mouftah (past TC chair)**
- **Past Award Recipient : Ian F. Akyildiz**

The AHSN TC Technical Recognition Award

The Ad Hoc and Sensor Networks Technical Committee (AHSN TC) Technical Recognition Award aims to

promote ad hoc and sensor networks research and development activities in both academic and industrial communities.

This award is established as part of the AHSN TC activities in which R&D takes place in areas related to ad hoc and sensor networks. The award recognizes members of the IEEE Communications Society (ComSoc) who have made significant contributions to technological advancement of ad hoc and sensor networks.

The AHSN TC Technical Recognition Award – cont

The AHSN TC Technical Recognition Award will be given in each calendar year. If no suitable candidate is proposed in a given year, the award will not be presented for that year. The award will be announced and conferred during the IEEE Global Communications (GLOBECOM) conference.

***Nominations* are solicited by e-mail from the AHSN TC members. All nominations must be sent to the AHSN Award Selection Committee in PDF or text format by *July 15* of the year in which the award is to be given.**

The nominations should include a *concise description of the candidate's contributions to the technological advancement of ad hoc and sensor networks* and *any supporting materials showing that the candidate has met the award eligibility criteria.*

Ad hoc and Sensor Networks TC Meeting
Globecom 2013, ATLANTA, GA, USA

The 2013 AHSN TC Technical Recognition Award
Goes to

Prof. Xuemin (Sherman) Shen
University of Waterloo



IEEE COMMUNICATIONS SOCIETY
AD HOC & SENSOR NETWORKS TECHNICAL COMMITTEE

2013 TECHNICAL RECOGNITION AWARD

PRESENTED TO

XUEMIN (SHERMAN) SHEN

FOR CONTRIBUTIONS TO RESOURCE MANAGEMENT
AND INFORMATION SECURITY IN MOBILE AD HOC NETWORKS

DECEMBER 2013

V.K. Bhargava

VIJAY BHARGAVA
PRESIDENT 2012 - 2013

Leonard J. Cimini Jr.

LEN CIMINI
VICE PRESIDENT- TECHNICAL ACTIVITIES



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Standards Liaison Report

R. Venkatesha Prasad

IEEE Communications Society Standards (CSSB)

- **Venkatesha Prasad, Delt University of Technology**

Some Activities

- ◆ AHSN-TC is one of the most active TCs in IEEE ComSoc Standards Development (SDB) Board.
- ◆ AHSN-TC liaison is also *Secretary* and a voting member of SDB.
- ◆ AHSN-TC liaison provides comments and suggestions on various activities including the commission of new standards projects.
- ◆ Liaison participates in the discussions regarding new PARs and standards that interesting to AHSN-TC.
- ◆ AHSN-TC has been a vocal proponent for involving TCs actively in IEEE SDB.
- ◆ AHSN-TC presence in IEEE SDB has a long lasting impact on future communication technologies.

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ASHNTC Liaison

- ◆ Attended meetings in Bangalore, India to bring awareness about Comsoc standardization.
- ◆ Actively participated in setting up of 1908.1 standards
- ◆ Have been working as the secretary to the ComSoc Standards Development (SDB) Board.

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TC Newsletter Update

Ad Hoc, Sensor, and Mesh Networking Symposium – ICC'2013, Budapest, Hungary

◆ Co-Chairs

- ◆ Azzedine Boukerche, University of Ottawa Canada
- ◆ Pan Li,, Mississippi State University, USA
- ◆ Min Chen, Seoul National Unversity, Korea

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Information Infrastructure (TCII)

■ Statistics

- paper submissions: 275
- Number of TPC members: 340
- Accepted papers: 101

Wireless Networking Networking Symposium – ICC'2013, Budapest, Hungary

◆ Co-Chairs

- Guoliang Xue, Professor, Arizona State University, USA
- Abdallah Shami, Associate Professor, University of Western Ontario
Canada
- Xinbing Wang, Associate Professor, Shanghai Jiaotong University

• Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- + others

■ Statistics

- paper submissions: 269
- TPC members: 210
- Accepted papers: 107

Cognitive Radio and Networks– ICC'2013, Budapest, Hungary

◆ Co-Chairs

- ◆ Honggang Zhang, Professor Zhejiang University China
- ◆ David Grace, Senior Research Fellow, University of York, UK
- ◆ Andrea Giorgetti, Assistant Professor, University of Bologna, Italy

• Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

■ Statistics

- paper submissions: 155
- TPC members: 61

Ad hoc and Sensor Networks TC Meeting
Globecom 13, Atlanta, USA

Ad Hoc, Sensor, and Mesh Networking Symposium- Globecom'2013, Atlanta, GA, USA

◆ Co-Chairs

- Mohamed Younis University of Maryland Baltimore County, USA
- Yu Cheng Illinois Institute of Technology, USA
- Falko Dressler University of Innsbruck, Austria
- Xu Li Huawei Technologies, Canada

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Information Infrastructure (TCII)

■ Statistics

- paper submissions: 273
- TPC members: 424
- Accepted papers 99
- **Best Paper of the Ad Hoc and Sensor Networking Symposium**
Sherin Abdel Hamid, Glen Takahara, and Hossam S. Hassanein, for “On the Recruitment of Smart Vehicles for Urban Sensing,”

Ad hoc and Sensor Networks TC Meeting
Globecom 13, Atlanta, USA

Wireless Networking Networking Symposium – Globecom'2013, Atlanta, GA, USA

◆ Co-Chairs

- **Shiwen Mao** Auburn University USA
- **Lin Cai** University of Victoria Canada
- **Nei Kato** Tohoku University Japan

• Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Infrastructure TCII

■ Statistics

- paper submissions: 300
- TPC members: 527
- Accepted papers 114

• Best Paper of Wireless Networking Symposium

Hassan A Omar, Weihua Zhuang and **Li Li**, for “Delay Analysis of VeMAC Supporting Periodic and Event-driven Safety Messages in VANETs,

Ad hoc and Sensor Networks TC Meeting
Globecom 13, Atlanta, USA

**Next-Generation Networking Symposium
Globecom'2013, Atlanta, GA, USA**

◆ **Co-Chairs**

- ◆ Mooi Choo Chuah, Lehigh University, USA
- ◆ Ying-Dar Lin, National Chiao Tung University, Taiwan
- ◆ Qian Zhang, Hong Kong University of Sciences and Technology

■ **Sponsoring committees**

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Infrastructure TCII

■ **Statistics**

- paper submissions: TPC members:
- Accepted papers

• **Best Paper of Next-Generation Networking Symposium**

Thilan Ganegedera and **Victor K. Prasanna**, for “100+Gbps IPv6 Packet Forwarding on Multicore Platforms,

Ad hoc and Sensor Networks TC Meeting
Globecom 13, Atlanta, USA

Wireless Communications Symposium Globecom'2013, Atlanta, GA, USA

◆ Co-Chairs

- ◆ David Love, Purdue University USA
- ◆ Hai Lin Osaka Prefecture University, Japan
- ◆ Claude Oestges, Université catholique de Louvain, Belgium
- ◆ Liuqing Yang Colorado State University, USA

■ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Plus others

■ Statistics

- paper submissions: TPC members:
- Accepted papers

• **Best Paper of Wireless Communication Symposium**

Beatriz Soret, Klaus Pedersen, Troels E. Kolding, Hans Kröner and **Ioannis Maniatis**, for “Fast Muting Adaptation for LTE-A HetNets with Remote Radio Heads.”

ICC'2014, Sydney, Australia

- ◆ Symposia Acceptance Notification
12 January 2014
- ◆ Tech. Symposia Camera-Ready
13 February 2014
- ◆ Workshop Paper Camera-Ready
15 March 2014

Ad Hoc and Sensor Networks Symposium – ICC'2014, Sydney, Australia

◆ Co-Chairs

- Jalel Ben-Othman , Univ. of Paris 13, France
- Jiming Chen, Zhejiang Univ., China
- Somaya Charkaoui, Univ. of Sherbrooke, Canada
- Zubair Md. Fadlullah, Tohoku Univ., Japan

◆ Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Wireless Communications (WC)
- Technical Committee on Information Infrastructure (TCII)

■ Statistics

- paper submissions: 257
- TPC members: 355
- Accepted papers TBD

Mobile and Wireless Networking Symposium – ICC'2014, Sydney, Australia

◆ Co-Chairs

- Weihua Zhuang, Univ. of Waterloo, Canada
- Pascal Lorenz, Univ. of Haute-Alsace, France
- Jian Tang, Syracuse Univ., USA

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- + others

■ Statistics

- paper submissions: 303
- TPC members: 221
- Accepted papers TBD

Cognitive Radio and Networks– ICC'2014, Sydney, AUstralia

◆ Co-Chairs

- ◆ Jacques Palicot, Supelec, France
- ◆ Jaime L Mauri, Polytec. Univ. of Valencia, Spain
- ◆ Lin Cai, Huawei Technologies, USA

• Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

■ Statistics

- paper submissions: 303
- TPC members: 217
- Accepted papers TBD

Wireless Communications Symposium– ICC'2014, Sydney, AUstralia

◆ Co-Chairs

- ◆ Yahong Rosa Zheng, *Missouri University of Science & Technology, USA*
- ◆ Yiqing Zhou, *Chinese Academy of Sciences, China*
- ◆ Cheng Li, *Memorial University of Newfoundland, Canada*
- ◆ Peter M. R. Rost, *NEC Labs Europe, Germany*
- ◆ Jinhong Yuan, *University of NSW, Australia*

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Plus Others

■ Statistics

- paper submissions: TBA
- TPC members: TBA
- Accepted papers TBD

Next-Generation Networking Symposium- ICC'2014, Sydney, AUstralia

◆ Co-Chairs

- ◆ Mohammed Atiquzzaman, *University of Oklahoma, USA*
- ◆ Konstantinos Samdanis, *NEC Europe, Germany*
- ◆ Antonio Pescapè, *University of Napoli Federico II, Italy*

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

■ Statistics

- paper submissions: TBA
- TPC members: TBA
- Accepted papers TBD

Ad Hoc and Sensor Networks Symposium – GC'2014, Austin, Texas, USA

◆ Co-Chairs

- Jalel Ben-Othman , Univ. of Paris 13, France
- Yingying Chen, Stevens Institute of technology, USA
- Rahul Vaze, Tata Institute of Fund & Research, India

◆ Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Technical Committee on Wireless Communications (WC)
- Technical Committee on Information Infrastructure (TCII)

■ Statistics

- To be seen
- Deadlines: April 1st, 2014, acceptance July 15th, 2014

Wireless Networking Symposium – GC'2014, Austin, Texas, USA

◆ Co-Chairs

- Shiwen Mao, Auburn Univ. USA
- M.Atiquzzaman, Univ. of Oklahoma, USA
- Phone Lin, National Tawain Univ. Tawain
- Damla Turgut, Univ. of Central Florida, USA

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- + others

■ Statistics

- To be seen

Cognitive Radio and Networks– GC'2014, Austin, Texas, USA

◆ Co-Chairs

- ◆ Ahmed Kamel, Iowa State University, USA
- ◆ Alberto Rabbachin, MIT, USA
- ◆ Haojin Zhu, Shanghai Jio Tong Univ., China

• Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

■ Statistics

- To be seen

Wireless Communications Symposium– GC'2014, Austin, Texas, USA

◆ **Co-Chairs**

- ◆ Huaiyu Dai, North Carolina State University, USA
- ◆ Luc Deniere, Univ. of Nice, France
- ◆ Hlaing Minn, UTDallas, USA
- ◆ Santiago Mazuelas, MIT, USA
- ◆ Daniele Tarchi, Univ. of Bologna, Italy
- ◆ Zhaoyang Zhang, Zhejiang Univ. China

◆ **Sponsoring committees**

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Plus Others

■ **Statistics**

- To be seen

Next-Generation Networking Symposium- GC'2014, Austin Texas, USA

◆ Co-Chairs

- ◆ Lawrence Yang, City Univ. of Hong Kong, China
- ◆ Yevgeni Koucheryavy, Tampere Univ. of tech Finland
- ◆ Richard Pazzi, UOIT, Canada

◆ Sponsoring committees

- Technical Committee on Wireless Communications (WC)
- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- Cognitive Radio Networks

■ Statistics

- To be seen

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GC'2015, San Diego, USA December 6-10, 2015

ICC 2015, London, UK June 8-12, 2015

Globecom 2016, Washington DC, USA, December 4-9, 2015

Secon 2013, June 24-27 2013

Location: New Orleans, LA, USA

<http://www.ieee-secon.com/>

◆ **Co-Chairs**

- **Deepak Ganesan, University of Massachusetts, Amherst, USA**
- **Karthikeyan Sundaresan, NEC Labs America, USA**

◆ **Statistics**

- submitted papers: 175
- accepted papers: 51 (29%)

Secon 2014, June 30-July 3rd 2014

Location: Singapore

<http://www.ieee-secon.com/>

◆ General Chair

Chen-Khong Tham, *ECE NUS, Singapore*

◆ Technical Program Chairs

Guevara Noubir, *CIS Northeastern U, USA*

Andreas Terzis, *CS Johns Hopkins U, USA*

◆ **Statistics**

- **To be seen**

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MedHoc 2013 June 24-26, 2013

Ajaccio, Corsica, France

General Chairs:

Khaldoun Al Agha Paris-Sud University, France

Guy Pujolle UPMC - Paris 6, France

TPC Chairs:

Brigitte Kervella UPMC - Paris 6 / Amiens University, France

Steven Martin Paris-Sud University, France

◆ **Sponsoring committees**

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- IFIPS

■ **Statistics**

- Submitted 80 papers,
- Accepted 22 (accepted about 25%)

10th PE-WASUN: Symposium on Performance Evaluation of Ad Hoc, Sensor and Ubiquitous Networks

BARECLONA, Nov 3-8th, 2013

Due Date Jun 16th, 2013

◆ **Co-Chairs**

- ◆ Isabelle.Guerin-Lassous, Claude Bernard Univ., Lyon France
- ◆ Mónica Aguilar Igartua, UPC, Spain

◆ **Sponsoring committees**

- Technical Committee on Wireless Communications (WC)
- ACM

- Statistic: 82 Submissions
- Accepted 20 papers 25%
- Single Track

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MedHoc 2014 June 2-4, 2014
Piran, Slovenia

General Chairs:

Fulvio Babich, University of Trieste, Italy

Eve Schooler, Intel Labs, USA

Program Co-Chairs:

Andreas Kassler - Karlstads Universitet, Sweden

Gustavo Marfia - University

Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- IFIPS

- **Deadline: March 3, 2014**

Ad hoc and Sensor Networks TC Meeting

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Wireless Days 2013

13-15 Nov 2013 Valencia Spain

General Chair

Juan Carlos Cano, Universitat Politècnica de València, Spain

Technical Program Co-Chairs

Carlos T. Calafate, Universitat Politècnica de València, Spain

Luis H. K. Costa, Federal University of Rio de Janeiro, Brasil

Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- IFIPS

- **Statistics**
 - 63 papers (out 200 papers)
 - 20 posters

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NTMS 2014

Int'l Conf. on New Technologies, Mobility and Security

March 30th - April 2nd, 2014, Dubai, UAE

GENERAL CHAIR

Leon Jololian, Zayed University, UAE

Technical Program Track Co-Chairs

Mobility/Wireless Networks Program co-chairs

Andreas Kassler - Karlstad University – Sweden

Rui L. Aguiar - Universidade de Aveiro, Portugal

May ElBarachi – Zayed University, UAE

Security Program co-chairs

George Spanoudakis, The City University, United Kingdom

Andrew Marrington– Zayed University, UAE

Farkhund Iqbal – Zayed University, UAE

Huwida Said, Zayed University, UAE

New Technologies & services Program co-chairs

Jose M. Alcaraz Calero, University of the West of Scotland, UK

Yan Zhang, Simula Research Laboratory, Norway

Munir Majdalawieh – Zayed University, UAE

Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- IFIPS

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NTMS 2014

Int'l Conf. on New Technologies, Mobility and Security

March 30th - April 2nd, 2014, Dubai, UAE

GENERAL CHAIR

Leon Jololian, Zayed University, UAE

Technical Program Track Co-Chairs

Mobility/Wireless Networks Program co-chairs

Andreas Kassler - Karlstad University – Sweden

Rui L. Aguiar - Universidade de Aveiro, Portugal

May ElBarachi – Zayed University, UAE

Security Program co-chairs

George Spanoudakis, The City University, United Kingdom

Andrew Marrington– Zayed University, UAE

Farkhund Iqbal – Zayed University, UAE

Huwida Said, Zayed University, UAE

New Technologies & services Program co-chairs

Jose M. Alcaraz Calero, University of the West of Scotland, UK

Yan Zhang, Simula Research Laboratory, Norway

Munir Majdalawieh – Zayed University, UAE

Sponsoring committees

- Technical Committee on Ad Hoc and Sensor Networks (AHSN)
- IFIP- TC-6

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TC Election:

TC Election Chair: Prof. Damla Turgut, University of Central Florida, USA
Members: Prof. Hussein Mouftah, University of Ottawa, Canada
Prof. Nirwan Ansari, NJIT, USA

Candidates: Chair- Nei Kato- Japan
Vice Chair Jalel Ben-Othman France

Secretarty