IEEE COMMUNICATIONS SOCIETY

Technical Committee on Transmission, Access, and Optical Systems

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Authors: Ahmed E. Kamal, Athanassios Manikas and Fabrizio Granelli

Date/Time: Wed, December 7, 2016, 7:30 am – 9:00 am

Meeting Location: Room Gunston (East and West), Washington Hilton, Washington D.C.

Officers: Ahmed E. Kamal, Chair, kamal@iastate.edu
Athanassios Manikas, Vice-Chair, a.manikas@imperial.ac.uk
Fabrizio Granelli, Secretary, fabrizio.granelli@unit.it

Meeting was called to order at 7:30 am

1. Participants (28)

- Ahmed Kamal, Iowa State University, USA
- Athanassios Manikas, Imperial College London, UK
- Fabrizio Granelli, University of Trento, Italy
- Jaafar Elmirghani, University of Leeds, UK
- Tarek El-Bawab, Jackson State University (JSU), USA
- Luca Valcarenghi, Scuola Superiore S.Anna Pisa, Italy
- Christos Verikoukis, CTTC, Spain
- Abdallah Shami, University of Western Ontario, Canada
- Hussein Mouftah, University of Ottawa, Canada
- Zexi Fang, Imperial College, U.K.
- Daniel So, University of Manchester, U.K.
- Reza Nejabate, University of Bristol, U.K.
- Takahiro Suzuki, NTT, Japan
- Cicek Cavdar, KTH, Sweden
- Jean Armstrong, Monash University, Australia
- Ying-Chang Liang, I2R, Singapore

- Hossam Afifi, Mines Telecom, France
- Li-Chun Wang, National Chiao Tung University, Taiwan
- Walter Cerroni, University of Bologna, Italy (*)
- Filippo Cugini, CNIT, Italy (*)
- Mauro Biagi, Università Sapienza, Rome, Italy (*)
- He Ren, Imperial College, U.K. (*)
- Hakki Cankaya, Fujitsu, (*)
- Steve Hranilovic (*)
- Mamoun Guenach (*)
- Vidhya Sridhar, Imperial College, U.K. (*)
- Thibaud Gabillard (*)
- Evangelos Venieris (*)

(*) online participation

2. Introduction

The Chair, Ahmed Kamal, welcomed all participants and outlined the agenda. First, the attendees were self-introduced. Then, the attached slides were presented by the Chair and discussed item-by-item.

3. Approval of IEEE ICC 2016 Minutes

A motion was made by Fabrizio Granelli to approve the minutes, the draft of which is posted on TAOS website (www.comsoc.org/~taos). The motion was seconded by Tarek El-Bawab and the minutes were approved without further remarks.

4. Highlights and Trends

Ahmed informed the attendees about a number of developments and in particular:

- Sixth issue of TAOS' Newsletter released on November 28, 2016
    - Jochen Maes is the new industry liaison and newsletter editor (January 2016-December 2017)
    - Focus is to report on R&D activities in the industry and academia
- TAOS continues to sponsor the GC/ICC SAC Track:
    - Broadband Access (Access Networks and Systems, ANS) SAC Track
- TAOS continues to sponsor two symposia in GC/ICC:
    - Optical Networks and Systems Symposium
    - Green Communication Systems and Networks (GCSN) Symposium
        - GCSN is a Symposium for the first time starting ICC 2016 in Kuala Lumpur, Malaysia

Additional information is reported in Slide # 4.

5. Conference updates

Main GC/ICC submission trends have not significantly changed. ONS continues to be at the lower end of symposia submissions. On the other hand, the SAC Track on Green Communication Systems and Networks is now an official Globecom/ICC symposium.

- IEEE Globecom 2016:
  - Sherman Shen is TPC Chair, and Maite Brandt-Pearce and Sennur Ulukus are Technical Program Vice-Chairs:
  - Received about 2,500 papers
  - Green Communications Systems and Networks Symposium: co-chaired by Taisir Elgorashi:
    - Received 98 papers: 33 papers (~34%) in systems, 65 papers (~66%) in networks
    - Accepted 38 papers (38.7%): 12 papers (~32%) systems, 26 papers (~68%) networks
    - 35 papers in 7 lecture style sessions, and 3 papers in interactive sessions
  - Optical Networks and Systems Symposium: co-chaired by Suresh Subramaniam and Zhengyuan Xu:
    - Received 67 papers: 32 papers on systems (about 48%), 35 papers on networks (about 52%)
    - Accepted 28 papers (41 .8%): 17 papers on systems (61%), 11 papers on networks (39%)
    - 25 papers in 5 lecture style sessions, and 3 papers in interactive sessions
  - SAC Symposium: ANS Track, chaired by Luca Valcarenghi: Received 36 papers and accepted 14 papers (~38.9%)

Upcoming conferences:

- ICC 2017 (Paris), TAOS nominated (and TPC Chairs approved)
  - Steve Hranilovic as chair for SAC ANS
  - Cicek Cavdar as co-chair for GCSN
  - George Rouskas as co-chair for ONS
- GC 2017 (Singapore), TAOS nominated (and TPC Chairs approved)
  - Mamoun Guenach as chair for SAC ANS
  - Jaafar Elmirghani as co-chair for GCSN
  - Paolo Monti as co-chair for ONS
- ICC 2018 (Kansas City), TAOS nominated (and TPC Chairs approved)
  - Khairi Hamdi as chair for SAC ANS
  - Fabrizio Granelli as co-chair for GCSN
  - Tarek El-Bawab as co-chair for ONS
- GC 2018 (Abu Dhabi), TAOS nominated
  - Mauro Biagi as chair for SAC ANS
  - Christos Verikoukis as co-chair for GCSN
  - Hakki Cankaya as co-chair for ONS
- ICC 2019 (Shanghai)

- GC 2019 (Hawaii)

Moreover, TAOS endorsed the following events:

- DRCN 2016
  - Nelson Fonseca is TAOS representative, and Fabrizio Graneli is TPC member
- ONDM 2016
  - Franco Callegati is TAOS representative, and Andrea Bianco and Jaafar Elmirghani are TPC members
- ICT 2016
  - Athanassios Manikas, Franco Galleti and Mike Devetsikiotis are TPC members
- HONET-ICT 2016
  - Ahmed Kamal is TPC co-chair, and Abdallah Shami is TPC member
- ISNCC 2017
  - Burak Kantarci, Abdallah Shami and Walter Cerroni are TPC members

More information is provided in Slides # 5 to # 19.

6. Election of TAOS Secretary

The Chair, Ahmed Kamal, reminds the participants about the election procedure as described in the TAOS P&Ps, and presents the nomination of the steering committee (Dr. Steve Hranilovic) as well as the list of active TAOS members that can vote at the elections (slides #20 and #21). 18 attendees are active members, therefore allowed to vote. Dr. Hranilovic introduces himself.
As no other candidates are proposed, Tarek El-Bawab moves to vote and Jafaar Elmirghani seconds it.
The 18 voting members unanimously approve.
Effective from January 2017, Dr. Steve Hranilovic will become the new Secretary of the TAOS TC and, following P&Ps, Athanassios Manikas will be the Chair and Fabrizio Granelli the Vice-Chair.

7. Other Activities/Updates

TAOS' members contributions to ComSoc leadership:

- Stefano Bregni, Nelson Fonseca, Fabrizio Granelli, Steve Gorsh and Tarek Elbawab serve in ComSoc Board of Governors
- Stefano Bregni is VP, Members & Global Activities
- Nelson Fonseca is VP, Publications
- Fabrizio Granelli, Acting Chief Online Content Officer
- Steve Gorshe, Member at Large
- Tarek Elbawab, Educational Services Board

TAOS' members contributions to IEEE leadership:

- Tarek Elbawab, member, IEEE Educational Activities Board
- Tarek Elbawab, member, IEEE EAB committee on Global Accreditation Activities (CGAA)

The ComSoc Green ICT initiative was successful in Phase I funding (by IEEE). The initiative is now with Comsoc and Co-Chaired by Jaafar Elmirghani. Furthermore, Tarek El-Bawab represents TAOS in this activity. More information is provided in the following website: http://greenict.ieee.org
Standardization activities:

- Fabrizio Granelli:
  - Finalizing white paper on standardization opportunities in virtualized wireless access

Distinguished Lecturers (DLs):

- Jaafar Elmirghan, Fabrizio Granelli and Anura Jayasumana (2nd term)
- Tarek El-Bawab, Athanassios Manikas and Abdallah Shami (1st term)

2016 IET Mountbatten Medal

- Jean Armstrong: for her outstanding contribution, over a sustained period, to the promotion of electronics and their application

JOCN Steering Committee approved a Special Issue with the best papers on optics presented at ICC 2016:

- Papers from ONS symposium and OWC workshop at ICC 2016
- Guest editors:
    - Walter Cerroni
    - Fary Ghassemlooy
- Submission deadline is January 15, 2017

Emphasis has been given, once again, on the TC's continuing policy to look for new volunteers and activists to contribute and lead ComSoc activities.
For more information, please see Slides #22 to #27.

7 Awards

The TAOS Outstanding Service Award is presented to:

Filippo Cugini
"In Recognition of His Contributions to the TAOS Newsletter"

The Best Paper Award in the Globecom 2016's Access Networks and Systems (ANS) Track, Symposium on Selected Areas in Communications (SAC) was presented to the paper: "*Real-time Demonstration of PHY Processing on CPU for Programmable Optical Access Systems*", authored by:

Takahiro Suzuki, NTT, Japan
Sang-Yuep Kim, NTT, Japan
Jun-ichi Kani, NTT, Japan
Ken-Ichi Suzuki, NTT, Japan
Akihiro Otaka, NTT, Japan

The TAOS Best Paper Award in the Globecom 2016's Green Communication Systems and Networks (GCSN) Symposium was presented to the paper: "*Backscatter Communications Over Ambient OFDM Signals: Transceiver Design and Performance Analysis*", authored by:

Gang Yang, University of Electronic Science and Technology of China (UESTC), Chengdu, P. R. China
Ying-Chang Liang, Institute for Infocomm Research (I2R), A*STAR, Singapore

The meeting was adjourned at 9:00 am.

Attachments: Meeting Slides

IEEE COMMUNICATIONS SOCIETY

IEEE Advancing Technology for Humanity

IEEE Communications Society (ComSoc) Transmission, Access and Optical Systems (TAOS) Technical Committee

Globecom 2016 TC meeting,
Washington, DC, USA
Wednesday December 7, 2016
Room Gunston (East & West), Terrace Level
Washington Hilton Hotel, Washington, DC
07:30 – 09:00

Ahmed E. Kamal
Chair, TAOS

Agenda

- Welcome and Introductions
- Approval of the ICC 2016 minutes of TAOS meeting (Kuala Lumpur)
- Highlights and Trends
- Conferences update (sponsorships and statistics)
  - Globecom 2016 and ICC 2017
  - ICC and Globecom statistics (2010-2016)
  - ICC and Globecom conferences in the works
  - Other Conferences
- Election of new secretary
- Other Activities/Updates
- TAOS Awards
- Any Other Business

- Introduction
- Approval of the minutes of the TAOS TC meeting at ICC 2016:

http://taos.committees.comsoc.org/files/2016/10/minutes_of_meetingICC16slides.pdf

Highlights and Trends

- **Sixth issue of TAOS' Newsletter released on November 28, 2016**
  - Jochen Maes is the new industry liaison and newsletter editor (January 2016-December 2017)
  - Focus is to report on R&D activities in the industry and academia
- **Continued sponsorship of GC/ICC SAC Track:**
  - **Access Networks and Systems (ANS) SAC Track**
- **Continued sponsorship of two symposia in GC/ICC:**
  - **Optical Networks and Systems Symposium**
  - **Green Communication Systems and Networks (GCSN) Symposium**
    - **GCSN is a Symposium for the first time starting ICC 2016 in Kuala Lumpur, Malaysia**

Conferences Update (1/15)
Globecom 2016 (Washington, DC)

- Sherman Shen is the Technical Program Chair, and Maite Brandt-Pearce and Sennur Ulukus are the TPC Vice-Chairs:
  - Received 2,479 papers
  - Accepted 910 papers (36.7%)
- Statistics of previous conferences:

ICC'16 960/2469 = 38.8%
GC'15 915/2614 = 35%
ICC'15 1285/3337 = 38.5%
GC'14 861/2174 = 39.6%
ICC'14 978/2591 = 37.8%
GC'13 834/2251 = 37.0%
ICC'13 938/2418 = 38.8%

Conferences Update (2/15)
Globecom 2016 (Washington, DC)

- **Green Communications Systems and Networks Symposium:** co-chaired by Taisir Elgorashi:
  - Received 98 papers
    - 33 papers (~34%) systems
    - 65 papers (~66%) networks
  - Accepted 38 papers (38.7%)
    - 12 papers (~32%) systems
    - 26 papers (~68%) networks
    - 35 papers in 7 lecture style sessions, and 3 papers in interactive sessions

Conferences Update (3/15)
Globecom 2016 (Washington, DC)

- **ONS Symposium:** co-chaired by Suresh Subramaniam and Zhengyuan Xu:
  - Received 67 papers
    - 32 papers on systems (about 48%)
    - 35 papers on networks (about 52%)
  - Accepted 28 papers (41.8%)
    - 17 papers on systems (61%)
    - 11 papers on networks (39%)
    - 25 papers in 5 lecture style sessions, and 3 papers in interactive sessions

Conferences Update (4/15)
Globecom 2016 (Washington, DC)

- **SAC Symposium:** ANS Track, chaired by Luca Valcarenghi: Received 36 papers and accepted 14 papers (~38.9%); Track statistics are below.

SAC ANS Track Statistics	Optical	Wireless	Optical/ Wireless Integration	xDSL	Cable (HFC & IPTV)	PLC	Others	Total
Submitted	1	6	7	8	---	---	14	36
Accepted	1	2	1	5	---	---	5	14

- Others include cellular networks, content delivery networks, etc
- 1 paper was transferred from another symposium: 15 papers in the ANS SAC track
- 15 papers in 3 lecture style sessions

Conferences Update (5/15)
Globecom 2016 Workshops and Tutorials

- 20 workshops
  - 10 on Sunday
  - 10 on Thursday
- 24 tutorials:
  - 12 on Sunday
  - 12 on Thursday

Conferences Update (6/15)
ICC 2017 (Paris, France)

- Meroune Debbah and David Gesbert are Technical Program Co-Chairs, and Abdelhamid Mellouk is TPC Chair for Symposia:
  - Received 3087 papers

ICC'17 AHSN IEEE ICC 2017 Ad-Hoc and Sensor Networking Symposium	282
ICC'17 CISS IEEE ICC 2017 Communication and Information Systems Security Symposium	220
ICC'17 CQRM IEEE ICC 2017 Communications QoS, Reliability, and Modeling Symposium	124
ICC'17 CRN IEEE ICC 2017 Cognitive Radio and Networks Symposium	93
ICC'17 CSSMA IEEE ICC 2017 Communications Software, Services, and Multimedia Applications Symposium	68
ICC'17 CT IEEE ICC 2017 Communication Theory Symposium	165
ICC'17 GCSN IEEE ICC 2017 Green Communications Systems and Networks Symposium	115
ICC'17 MWN IEEE ICC 2017 Mobile and Wireless Networking	321
ICC'17 NGNI IEEE ICC 2017 Next Generation Networking and Internet Symposium	179
ICC'17 ONS IEEE ICC 2017 Optical Networks and Systems Symposium	100
ICC'17 SAC-1 ASN IEEE ICC 2017 SAC Symposium Access Systems and Networks Track	33
ICC'17 SAC-10 SN IEEE ICC 2017 SAC Symposium Social Networking Track	53
ICC'17 SAC-11 SDN&NFV IEEE ICC 2017 SAC Symposium SDN & NFV Track	107
ICC'17 SAC-2 BDN IEEE ICC 2017 SAC Symposium Big Data Networking Track	94
ICC'17 SAC-3 CCN IEEE ICC 2017 SAC Symposium Cloud Communications and Networking Track	91
ICC'17 SAC-4 CSG IEEE ICC 2017 SAC Symposium Communications for the Smart Grid Track	46
ICC'17 SAC-5 DS IEEE ICC 2017 SAC Symposium Data Storage Track	18
ICC'17 SAC-6 EH IEEE ICC 2017 SAC Symposium E-Health Track	53
ICC'17 SAC-7 IoT IEEE ICC 2017 SAC Symposium Internet of Things Track	115
ICC'17 SAC-8 MBMC IEEE ICC 2017 SAC Symposium Molecular, Biological, and Multi-Scale Communications Track	21
ICC'17 SAC-9 SSC IEEE ICC 2017 SAC Symposium Satellite and Space Communications Track	57
ICC'17 SPC IEEE ICC 2017 Signal Processing for Communications Symposium	185
ICC'17 WCS IEEE ICC 2017 Wireless Communications Symposium	547

Conferences Update (7/15)
ICC 2017 (Paris, France)

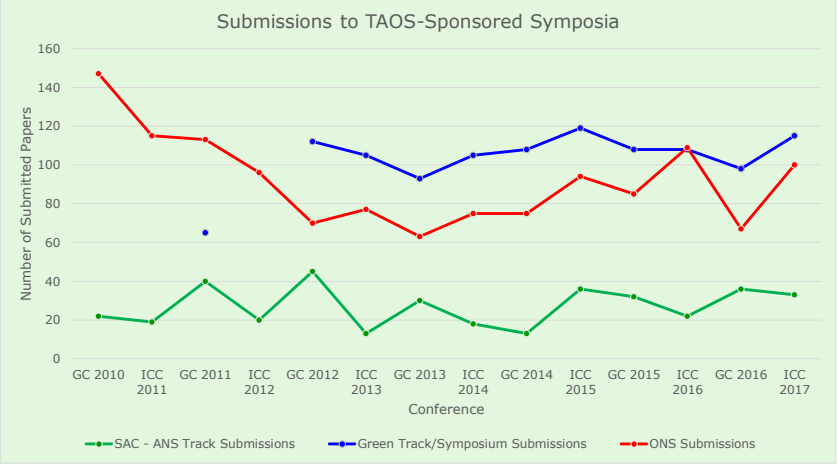
- **Green Communications Symposium:** co-chaired by Cicek Cavdar:
  - 115 submitted papers:
    - 46 papers in systems
    - 69 papers in networks
- **Optical Networks and Systems Symposium:** co-chaired by George Rouskas:
  - 100 submitted papers:
    - 46 papers in systems
    - 54 papers in networks

Conferences Update (8/15)
ICC 2017 (Paris, France)

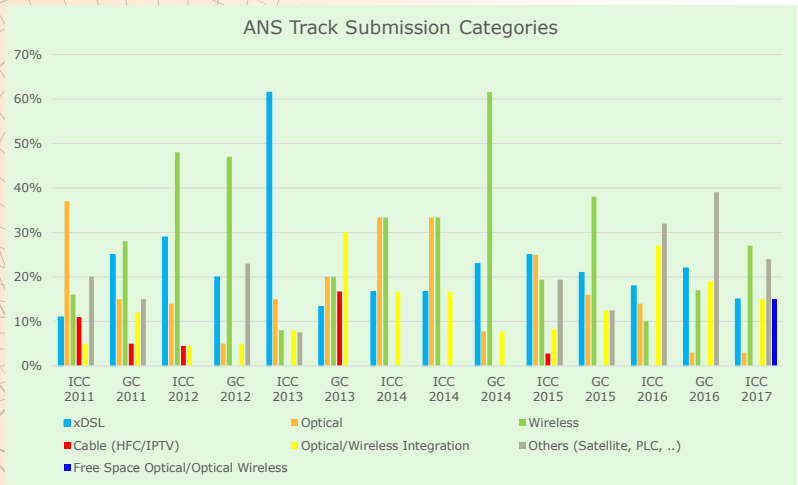
- **SAC Symposium:** ANS Track, chaired by Steve Hranilovic:
  - Received 33 papers
  - Track statistics are below.

SAC ANS Track Statistics	Optical	Free Space Optics/Optical Wireless	Wireless	Optical/ Wireless Integration	xDSL	Cable (HFC & IPTV)	PLC	Others	Total
Submitted	1	5	9	5	5	---	4	4	33
Accepted	---		---	---	---	---	---	---	---

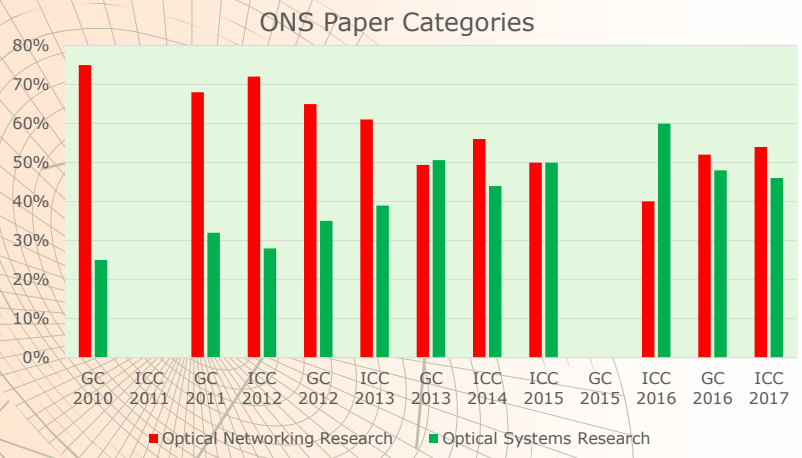
Conferences Update (9/15)
ANS, GCSN & ONS Trends, 2010 thru 2017



Conferences Update (10/15)
SAC ANS Track (All areas): 2011 thru 2017



Conferences Update (11/15)
ONS Symposium: 2010 thru 2016



Conference Update (12/15)
ICC 2017 Workshop

- Third workshop on Optical Wireless Communications will be hosted by ICC 2017, Paris, France.
  - Co-chaired by
    - Prof. Mauro Biagi, University of Rome "Sapienza", Italy
    - Dr. Anna Maria Vegni, University of Roma Tre, Italy
    - Prof. Fary Ghassemlooy, Northumbria University, Newcastle, UK
  - 34 Papers have been submitted. Expect to accept 12-14 papers (35-40%).

Conference Update (13/15)
ICC 2017 Workshop

- International Workshop on Application of green techniques to emerging communication and computing paradigms (GCC)
- General co-chair:
  - Paolo Monti
- Program co-chairs:
  - Martin Jacobsson, Uppsala University, Sweden
  - Kandeepan Sithamparanathan, RMIT, Australia
  - Luca Valcarenghi, Scuola Superiore S. Anna, Italy
- Steering committee:
  - Cicek Cavdar, KTH Royal Institute of Technology, Sweden
- Received 27 Papers + 1 registered (deadline extended until Dec. 16)

Conferences Update (14/15)
Future ICC & GC

- **GC 2017 (Singapore), TAOS nominated (and approved)**
  - Mamoun Guenach as chair for SAC ANS
  - Jaafar Elmirghani as co-chair for GCSN
  - Paolo Monti as co-chair for ONS
- **ICC 2018 (Kansas City), TAOS nominated (and approved)**
  - Khairi Hamdi as chair for SAC ANS
  - Fabrizio Granelli as co-chair for GCSN
  - Tarek El-Bawab as co-chair for ONS
- **GC 2018 (Abu Dhabi), TAOS nominated**
  - Khairi Hamdi as chair for SAC ANS
  - Christos Verikoukis as co-chair for GCSN
  - Hakki Cankaya as co-chair for ONS
- **ICC 2019 (Shanghai)**
- **GC 2019 (Hawaii)**
- **ICC 2020**

Conferences Update (15/15)
Other Conferences

- DRCN 2016
  - Nelson Fonseca is TAOS representative, and Fabrizio Granneli is TPC member
- ONDM 2016
  - Franco Callegati is TAOS representative, and Andrea Bianco and Jaafar Elmirghani are TPC members
- ICT 2016
  - Athanassios Manikas, Franco Galleti and Mike Devetsikiotis are TPC members
- HONET-ICT 2016
  - Ahmed Kamal is TPC co-chair, and Abdallah Shami is TPC member
- ISNCC 2017
  - Burak Kantarci, Abdallah Shami and Walter Cerroni are TPC members

Election of TAOS Secretary

- Steering Committee approved the nomination of ***Dr. Steve Hranilovic:***
  - Professor of Electrical Engineering at McMaster University
  - Area of research: Optical Wireless Communications

33 Eligible Voting Members

- Akinbiyi Akindoyin
- Jean Armstrong
- Mauro Biagi
- Maite Brandt-Pearce
- Franco Callegati
- Hakki Cankaya
- Cicek Cavdar
- Walter Cerroni
- Filippo Cugini
- Michael Devetsikiotis
- Tarek El-Bawab
- Jaafar Elmirghani
- Zexi Fang
- Thibaud Gabillard
- Nathan Gomes
- Steve Gorshe
- Fabrizio Granelli
- Mamoun Guenach
- Steve Hranilovic
- Yezi Huang
- Anura Jayasumana
- Ahmed Kamal
- Jochen Maes
- Athanassios Manikas
- Paolo Monti
- Wai-Pang Ng
- Martin Reisslein
- George Rouskas
- Mohammed Selim
- Vidhya Sridhar
- Luca Valcarenghi
- Evangelos Venieris
- Christos Verikoukis

Other Activities/Updates (1/5)

- **TAOS' members contributions to ComSoc leadership:**
  - Stefano Bregni, Nelson Fonseca, Fabrizio Granelli, Steve Gorsh and Tarek Elbawab serve in ComSoc Board of Governors
    - Stefano Bregni is VP, Members & Global Activities
    - Nelson Fonseca is VP, Publications
    - Fabrizio Granelli, Acting Chief Online Content Officer
    - Steve Gorshe, Member at Large
    - Tarek Elbawab, Educational Services Board
- **TAOS' members contributions to IEEE leadership:**
  - Tarek Elbawab, member, IEEE Educational Activities Board
  - Tarek Elbawab, member, IEEE EAB committee on Global Accreditation Activities (CGAA)

Other Activities/Updates (2/5)

- **IEEE/ComSoc Green ICT initiative Phase I funding (by IEEE). Initiative Co-Chaired by Jaafar Elmirghani & Tarek El-Bawab represents TAOS**
- **Updates:**
  - Held two rapid reaction workshops with Comsoc on standards, Nov. 2015 and July 2016.
  - 9 IEEE Green ICT standards approved by the Communications Society Standards Development Board, which is the largest number of standards the IEEE Comsoc has approved at any point
  - Organising a Green ICT summit at ICC 2017 in Paris. This has been approved by GIMS. It will be held on Thursday and Friday of ICC'17.
  - The IEEE Green ICT initiative is a Bronze sponsor of ICC'17
  - Organising a Green ICT educational series with the IEEE Educational activities Board. The series is funded by the IEEE Green ICT initiative, the IEEE EAB is acting as the long term host.
  - Secured $305k funding from the IEEE for 2017 (it had approx. $150k $350k funding from IEEE in 2015 and 2016 respectively).
  - The IEEE VTC "Green Communications and Networks" track is continuing, and is now a constant feature of VTC, which is a great achievement, the next two editions are
    - Spring 2017 in Sydney http://ieeevtc.org/vtc2017spring/tracks.php
    - Fall 2017 in Toronto, http://www.ieeevtc.org/vtc2017fall/tracks.php

Other Activities/Updates (3/5)

- **Standardization activities:**
  - Fabrizio Granelli:
    - Finalizing white paper on standardization opportunities in virtualized wireless access
- **Distinguished Lecturers (DLs):**
  - Jaafar Elmirghan, Fabrizio Granelli and Anura Jayasumana (2nd term)
  - Tarek El-Bawab, Athanassios Manikas and Abdallah Shami (1st term)
- **2016 IET Mountbatten Medal**
  - Jean Armstrong: *for her outstanding contribution, over a sustained period, to the promotion of electronics and their application*

Other Activites (4/5)

- JOCN Steering Committee approved a Special Issue with the best papers on optics presented at ICC 2016:
  - Papers from ONS symposium and OWC workshop at ICC 2016
  - Guest editors:
    - Walter Cerroni
    - Fary Ghassemlooy
  - Submission deadline is January 15, 2017

Other Activities/Updates (5/5)

- **Editorship**
  - George Rouskas is Editor-in-Chief of Elsevier's Journal of Optical Switching and Networking (OSN)
  - Tarek El-Bawab is Associate Editor-in-Chief of IEEE Communications
  - Frank Effenberger, and Ravi Subrahmanyan, editors, IEEE Communications Magazine
  - Filippo Cugini and Ahmed Kamal, Elsevier's Journal of Optical Switching and Networking (OSN)
  - Fabrizio Granelli and Ahmed Kamal, IEEE Communications Surveys and Tutorials
  - Athanassios Manikas, IET: Signal processing
- **Other Activities and Updates:**
  - Fabrizio Granelli represents TAOS in ComSoc Rapid standardization activity, and Chairs the Research Group on Software Defined and Virtualized Wireless Access
  - Stefano Bregni serves in Ad Hoc Committee on Smart Grid Communications and Michael Devetsikiotis serves in Ad Hoc Committee on Cloud Communications and Networking

- **TAOS is always seeking new volunteers to participate and enrich our scope of technical activities**
  - From industry and academia
  - From all over the world
  - Workshops, Tutorials, Panels, and special issues, with industrial contributions in particular

TAOS AWARDS
Globecom 2016 – Washington, DC

- **Outstanding Service Award**
- **Two Best Paper Awards**

TAOS Outstanding Service Award

- **Filippo Cugini**

In Recognition of His Contributions to the TAOS Newsletter

TAOS' Best Paper Awards (1/2)

- **The TAOS Best Paper Award in the Globecom 2016's Access Networks and Systems (ANS) Track, Symposium on Selected Areas in Communications (SAC) is presented to the paper:**
  - "Real-time Demonstration of PHY Processing on CPU for Programmable Optical Access Systems"

    Takahiro Suzuki, NTT, Japan

    Sang-Yuep Kim, NTT, Japan

    Jun-ichi Kani, NTT, Japan

    Ken-Ichi Suzuki, NTT, Japan

    Akihiro Otaka, NTT, Japan

TAOS' Best Paper Awards (2/2)

- **The TAOS Best Paper Award in the Globecom 2016's Green Communication Systems and Networks (GCSN) Symposium is presented to the paper:**
- **"Backscatter Communications Over Ambient OFDM Signals: Transceiver Design and Performance Analysis"**

  Gang Yang, University of Electronic Science and Technology of China (UESTC), Chengdu, P. R. China

  Ying-Chang Liang, Institute for Infocomm Research (I2R), A*STAR, Singapore

Questions?
Other Business?

Meeting Adjourned!