



**Technical Committee  
on  
Transmission, Access and Optical Systems**

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**Authors:** Athanassios Manikas  
**Date/Time:** Tue, 9th December 2014, 7:00 am – 9:00 am

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**Meeting Location:** Sabine Room, 2<sup>nd</sup> Floor, Hilton Garden Inn, Austin, Texas  
**Officers:** Tarek S. El-Bawab, Chair, [telbawab@ieee.org](mailto:telbawab@ieee.org)  
Ahmed E. Kamal, Vice-Chair, [kamal@iastate.edu](mailto:kamal@iastate.edu)  
Athanassios Manikas, Secretary, [a.manikas@imperial.ac.uk](mailto:a.manikas@imperial.ac.uk)

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Meeting was called to order at 7:05 am

## 1 Participants (19)

- Akinbiyi Akindoyin, Imperial College London, UK
- Jean Armstrong, Monash University, Australia
- Jerome Arokiam, University College Cork, Ireland
- Mauro Biagi, University of Roma, Italy
- Maite Brandt-Pearce, University of Virginia, USA
- Stefano Bregni, Politecnico di Milano, Italy
- Franco Callegati, University of Bologna, Italy
- Hakki Cankaya, Fujitsu, Richardson, Texas, USA
- Walter Ceroni, University of Bologna, Italy
- Filippo Cugini, CRIT, Italy
- Juliana De Santi, State University of Campinas, Brazil
- Michael Devetsikiotis, NC State University, USA
- Tarek El-Bawab, Jackson State University (JSU), USA
- Jaafar Elmirghani, University of Leeds, UK

- Nelson Fonseca, State University of Campinas, Brazil
- Stefano Galli, ASSIA, USA
- Nathan Gomes, University of Kent, UK
- Steve Gorshe, PMC-Sierra, USA
- Mamoun Guenach, Alcatel-Lucent Bell Labs, Belgium
- Steve Hranilovic, McMaster University, Canada
- Ahmed Kamal, Iowa State University, USA
- Michael Kincaid, MSK Associates, USA
- Jochen Maes, Alcatel-Lucent Bell Labs, Belgium
- Athanassios Manikas, Imperial College, UK
- Shiwen Mao, Auburn University, USA
- Paolo Monti, KTH Royal Institute of Technology, Sweden
- Wai Pang Ng, University of Northumbria, UK
- Mohammed Selim, Iowa State University, USA
- Vidhya Sridhar, Imperial College London, UK
- Luca Valcarenghi, Scuola Superiore Sant'Anna, Italy
- Evangelos Venieris, Imperial College London, UK
- Christos Verikoukis, CTTC, Spain
- Richard Yu, Carleton University, Canada

## **2 Introduction**

The Chair Tarek El-Bawab 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 the ICC 2014 Minutes**

The minutes of the TAOS meeting held at the IEEE ICC 2014, in Sydney, Australia, were posted on the TAOS website ([www.comsoc.org/~taos](http://www.comsoc.org/~taos)). Ahmed Kamal moved for approval of the minutes as posted and Jaafar Elmighani seconded the motion. The motion was approved unanimously.

## **4 Highlights and Trends**

Tarek updated the attendees about a number of developments. The P&P update has been finalized, i.e. an attendee has an active/voting membership provided he/she has attended at least 2 TAOS meetings out of the last 5. TC active/voting memberships are published on the TAOS website and will be updated before every election. Tarek also announced his retirement as TAOS Chair by the end of 2014 and the election of a new Secretary later in the meeting. Furthermore, the new TAOS website has been finalized and the second issue of TAOS' newsletter was released on December 3, 2014. Technical themes: Broadband Access & Green Communication/Networks. The latter track dominates the GC/ICC SAC symposium, so the proposal to elevate it to Symposium expects to be decided upon in Austin. Finally, the sponsorship of GC/ICC's ONS continues.

## **5 Election of new Secretary**

Current Vice Chair Ahmed Kamal will be elevated to Chair; Secretary Athanassios Manikas will be elevated to Vice Chair, and new Secretary(s) is/are nominated by TAOS Steering Committee for approval by membership from a pool of candidates. Nominee Professor Fabrizio Granelli of the University of Trento (Italy) accepted his nomination. Tarek then checked how many voting members were present and Prof. Granelli was elected without any objections. Finally, Tarek gave the attendees some information about Prof. Granelli.

## **6 Conference updates**

At first, the previous conference (ICC 2014 in Sydney, Australia), the current conference (GC 2014 in Austin, Texas) and the following conference (ICC 2015 in London, UK) were discussed. Tarek pointed out that the ANS track received fewer paper submissions in GC 2014 (13 papers) than in ICC 2014 (18 papers) probably due to the track not having been properly advertised, however the number of ANS submissions is already considerably increased in ICC 2015 (36 papers). The main GC/ICC submission trend has not changed, namely the TAOS access Track on Green Communication Systems and Networks (GCSN) still has more submissions than ever (105, 108 and 119 papers for ICC 2014, GC 2014, ICC 2015 respectively) and far more than the ANS and ONS tracks. Finally, Tarek remarked that the number of ONS paper submissions have started to increase comparing to previous years. The ICC 2015 chairs for the GCSN track, the ANS track and the ONS track (Jaafar Elmirghani, Jochen Maes and Luca Valcarengi respectively) then gave each a short speech on the current state of submissions for their ICC 2015 tracks. This was followed by a brief talk from Mauro Biagi on the 1<sup>st</sup> IEEE Workshop on Visible Light Communications and Networking (VLCN) and by one from Jaafar Elmirghani on the Green tutorial, both regarding ICC 2015. The ICC 2015 Technical Program Chair, Athanassios Manikas, then talked about the current state of ICC 2015. Out of the submitted 91 tutorials 40 were accepted with 45 being the normal number for this kind of conferences. Moreover, 3342 papers have been submitted, however there are 100 papers that were registered but failed to submit on time and these were allowed no extension of the submission deadline. Prof. Manikas also pointed out that the Wireless Communications symposium has received the biggest number of submissions, but to such an extent that it becomes difficult to handle and therefore suggested that its submissions should be broken down to different symposia. For each paper, 5 reviews were requested because 3 reviews is the minimum. Although the deadline has recently passed 400 papers have a limited number of reviews. Roughly 1 out of 3 papers have been accepted but, since there is still available space for papers to be accepted, a few papers with a

sufficiently high score might still be accepted. Following this, Tarek presented some figures with the trends in submissions for the ANS and ONS tracks and then presented the ANS, GCSN and ONS chairs for GC 2015 as well as the nominated chairs for ICC 2016 and GC 2016. GC 2015 ONS chair Jean Armstrong then spoke about her track and finally Tarek presented the TPC members for a few other conferences such as EuCNC 2015 and ITC 2014.

(Slides # 4 through # 18)

## 7 Other Activities/Updates

Tarek announced that the 6-year-old Telecommunication Engineering Education (TEE) movement which he leads finally attained fruitful conclusion on November 1, 2014 as the ABET Board of Directors approved the new Electrical, Computer, Communications, Telecommunication(s), and similarly Named Engineering Programs. Contributions by TAOS membership to current ComSoc leadership have been updated. TAOS takes pride in being a TC of very high contribution in this regard. Tarek congratulated Prof. Jaafar Elmighani for his contributions to the IEEE/ComSoc Green ICT initiative, of which he is Co-Chair, which was successful in Phase I funding (by IEEE). This was followed by a brief talk by Prof. Elmighani. Emphasis has been made, once again, on the TC's continuing policy to look for new volunteers and activists, and to contribute new faces to leading ComSoc activities.

(Slides # 19 through # 23)

## 8 Awards

The Best Paper Award in GC 2014 Access Networks and Systems (ANS) Track, Symposium on Selected Areas on Communications (SAC) was presented to the paper: "*Experimental Evaluation of TCP Performance over 10 Gb/s Passive Optical Networks (XG-PON)*", Authored by:

Jerome A. Arokiam, Department of Computer Science, University College Cork, Ireland

Xiuchao Wu, Department of Computer Science, University College Cork, Ireland

Kenneth N. Brown, Department of Computer Science, University College Cork, Ireland

Cormac J. Sreenan, Department of Computer Science, University College Cork, Ireland

The Best Paper Award in the GC 2014 Green Communications and Computing (GCSN) Track, Symposium on Selected Areas on Communications was presented to the paper: "*Energy-Aware De-allocation of Lightpaths in WDM Networks*", Authored by:

Juliana De Santi, State University of Campinas, Brazil

Nelson L. S. da Fonseca, State University of Campinas, Brazil

TAOS Service Awards were awarded to:

Stefano Bregni: In Recognition of His Excellent Leadership and Contributions to TAOS

Steve Gorshe: In Recognition of His Excellent Leadership and Contributions to TAOS

Michael Kincaid: In Recognition of His Excellent Leadership and Contributions to TAOS

Walter Cerroni: For His Remarkable Contribution to Designing and Developing TAOS Website

Photographs were taken of all the award recipients during the award ceremony.

## **9 Retiring TAOS Chair Speech**

Tarek expressed his gratitude to the attendees for having been the Chair of TAOS and made a brief summary of TAOS' achievements during his tenure. He was then awarded a plaque for his contributions as Chair by Professors Ahmed and Kamal Athanassios Manikas and photographs were taken during his reception of the award.

The meeting was adjourned at 8:50 am

Attachments: Meeting Slides

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

Globecom 2014 TC meeting,  
Austin, Texas  
Tuesday December 9, 2014  
Hilton Garden Inn, Sabine Room, 2nd Floor  
7:00-9:00 am

Tarek S. El-Bawab, Ph.D.  
Chair, TAOS

## Agenda

- ◆ Welcome and Introductions
- ◆ Approval of the ICC 2014 minutes of meeting (Sydney)
- ◆ **Highlights and Trends**
- ◆ **Election of new Secretary**
- ◆ **Conferences update (sponsorships and statistics)**
  - ICC 2014, Globecom 2014, and ICC 2015
  - ICC/Globecom statistics (2010-2015)
  - ICC and Globecom conferences in the works
    - ◆ Globecom 2015
    - ◆ ICC 2016
    - ◆ Globecom 2016
    - ◆ Beyond Globecom 2016
  - Other Conferences (Including TCS)
- ◆ **Other Activities/Updates**
- ◆ **TAOS Awards**
- ◆ ***Thank you for the opportunity to serve!***

## Highlights and Trends

- ◆ **P&P update finalized**
  - TC active/voting membership published on website and will be updated before every election
- ◆ **Current TAOS Chair Retires by the end of 2014**
- ◆ **New TAOS website finalized (only few items left, but will be fully completed before December 31, 2014)**
- ◆ **Second issue of TAOS' Newsletter released on December 3, 2014**
- ◆ **Four-year-old successful themes, associated with two GC/ICC SAC Tracks:**
  - **Broadband Access (Access Networks and Systems, ASN)**
  - **Green Communication Systems and Networks (GCSN)**
    - ◆ **GCSN dominates GC/ICC SAC. Proposal to elevate it to Symposium expects decision here in Austin**
- ◆ **Sponsorship of GC/ICC's ONS continues**

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## Election of New Secretary (1/3)

- ◆ Current Chair, Tarek El-Bawab, is retiring (Term ending on December 31, 2014)
- ◆ Per TAOS P&P ([http://committees.comsoc.org/taos/policies\\_and\\_procedures.html](http://committees.comsoc.org/taos/policies_and_procedures.html)), current Vice Chair Ahmed Kamal will be elevated to Vice Chair; Secretary Athanassios Manika will be elevated to Vice Chair, and new Secretary(s) is/are nominated by TAOS Steering Committee for approval by membership
- ◆ Approval/disapproval is granted by Active Voting Members (current list can be found on: [http://committees.comsoc.org/taos/active\\_members.html](http://committees.comsoc.org/taos/active_members.html))

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## Election of New Secretary (2/3) Voting Members (2014 Election)

- ◆ Jean Armstrong
- ◆ Stefano Bregni
- ◆ Franco Callegati
- ◆ Walter Cerroni
- ◆ Filippo Cugini
- ◆ Michael Devetsikiotis
- ◆ Tarek El-Bawab
- ◆ Jaafar Elmirghani
- ◆ Nathan Gomes
- ◆ Steve Gorshe
- ◆ Fabrizio Granelli
- ◆ Steve Hranilovic
- ◆ Ahmed Kamal
- ◆ Jochen Maes
- ◆ Athanassios Manikas
- ◆ Wai Pang
- ◆ Abdallah Shami
- ◆ Ravi Subrahmanyam
- ◆ Christos Verikoukis

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## Election of New Secretary (3/3) Nomination: Fabrizio Granelli

- ◆ Associate Professor, University of Trento (Italy), Senior IEEE Member
- ◆ IEEE Distinguished Lecturer (2<sup>nd</sup> term 2014-15)
- ◆ Italian coordinator of the EIT (European Institute of Innovation Technology) ICT Labs Master School (2012-14)
- ◆ 150+ publications on networks (mainly wireless access and green communications)
- ◆ General Chair, IEEE CAMAD workshop (2006, 2010, 2013)
- ◆ TPC co-chair, IEEE Globecom CQRM symposium (2008-2010 & 2012), IEEE Globecom SAC-GCNS (2014)
- ◆ GITC member-at-large (2014+)
- ◆ Steering committee chair, IEEE CAMAD (2014-15)
- ◆ ICC 2016 Workshops Co-Chair; Tutorial speaker, "Energy efficiency in wireless networks" (MASCOTS'14, VTC Fall'14, CCNC'15)
- ◆ Past CSIM Officer (Secretary 05-06, Vice-Chair 07-08, Chair 09-10)

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## Conferences Update (1/12)

### ICC 2014 (Sydney, Australia)

- ◆ **SAC Symposium:** ANS Track, chaired by Tarek El-Bawab, 18 papers, 26 TPC members, 4-5 reviewers/paper, 8 papers accepted (44%). Oral session, 2 papers in SAC's interactive sessions. Track statistics below
- ◆ **SAC Symposium:** GCSN Track, co-chaired by Jaafar Elmighani, 105 papers, 72 TPC members. 3+ reviews per paper. 41 papers accepted (39%), 40 papers into 8 oral sessions and 1 paper to SAC's interactive sessions
- ◆ **ONS Symposium:** co-chaired by Nathan Gomes: 75 papers, 44% in systems and 56% in networks. 30 papers accepted; plus 1 paper added from another symposium, total = 31 papers

<u>SAC ANS Track Statistics</u>	Optical	Wireless	Optical/ Wireless Integration	xDSL	Cable (HFC & IPTV)	Others	Total
Submitted	6	6	3	3	0	0	18
Accepted	3	1	1	3	0	0	8

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## Conferences Update (2/12)

### GC 2014 (Austin, Texas)

- ◆ **SAC Symposium:** Access Track, chaired by Frank Effenberger, received 13 papers, the distribution of which here below.
- ◆ **SAC Symposium:** GCSN, co-chaired by Fabrizio Granelli, received 108 papers, 42 accepted (38.8%).
  - 7 Sessions plus contribution to an Interactive Session – topics: Green wireless and cellular networks, green optical networks, green clouds, smart grid communications.
- ◆ ONS has 75 papers, 30 accepted

<u>SAC ANS Track Statistics</u>	Optical	Wireless	Optical/ Wireless Integration	xDSL	Cable (HFC & IPTV)	Others	Total
Submitted	1	8	1	3	0	0	13
Accepted	1	3	1	1	0	0	6

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## Conferences Update (3/12)

### ICC 2015 (London, UK)

- ◆ ICC 2015 (London), N. Gomes and A. Manikas are Technical Program Co-Chairs. Erol Hepsaydir is IF&E Chair. Acceptance decisions not out yet
  - **SAC Symposium:** Green Communication Track Chaired by Jaafar Elmirghani, received 119 papers, 3-5 reviewers per paper
  - **SAC Symposium:** ANS Track, chaired by Jochen Maes, received 36 papers, 26 TPC members, 5 reviews/paper. Track statistics are below. In-Home Networking new theme in 3 papers (PLC & mgnt)
  - **ONS Symposium:** co-chaired by Luca Valcarengi: received 94 papers, split equally between systems and networks (47, 50%, each)

<u>SAC ANS Track Statistics</u>	Optical	Wireless	Optical/Wireless Integration	xDSL	Cable (HFC & IPTV)	PLC	Others	Total
Submitted	9	7	3	9	1	3	4 (3 Layer 3, 1 mgnt)	36
Accepted	---	---	---	---	---	---	---	---

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## Conferences Update (4/12)

### ICC 2015 (London, UK)

- ◆ 28 workshops and 20 tutorials accepted; 11 panel sessions submitted (4 pending)
  - 1<sup>st</sup> IEEE Workshop on Visible Light Communications and Networking (VLCN), Chaired by Mauro Biagi, Anna Maria Vegni, and Zabih Ghassemlooy
    - ◆ <http://infocom.uniroma1.it/~biagi/VLCN2014/VLCN2014/Welcome.html>
  - Tutorial: Greening Cloud Networks, By Jaafar Elmirghani

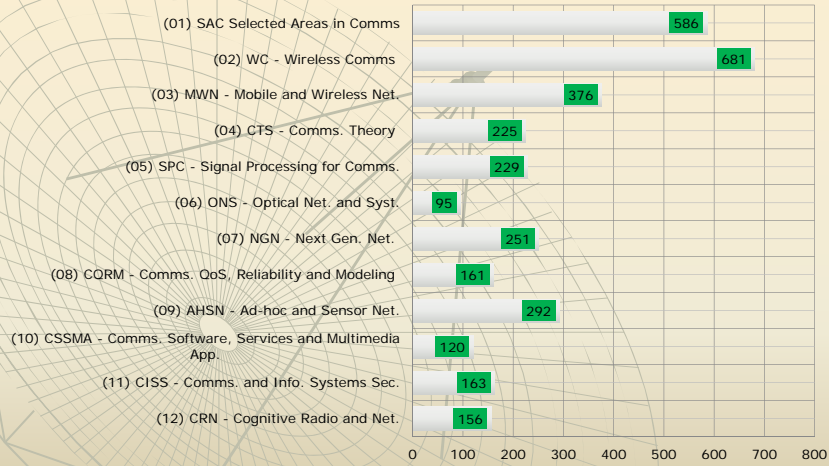
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## Conferences Update (5/12)

### ICC 2015 (London, UK)- Symposia



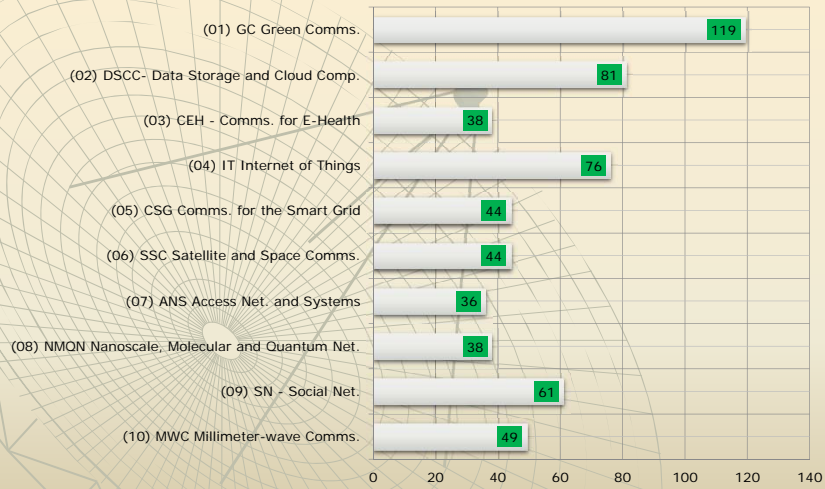
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## Conferences Update (6/12)

### ICC 2015 (London, UK)- SAC Tracks

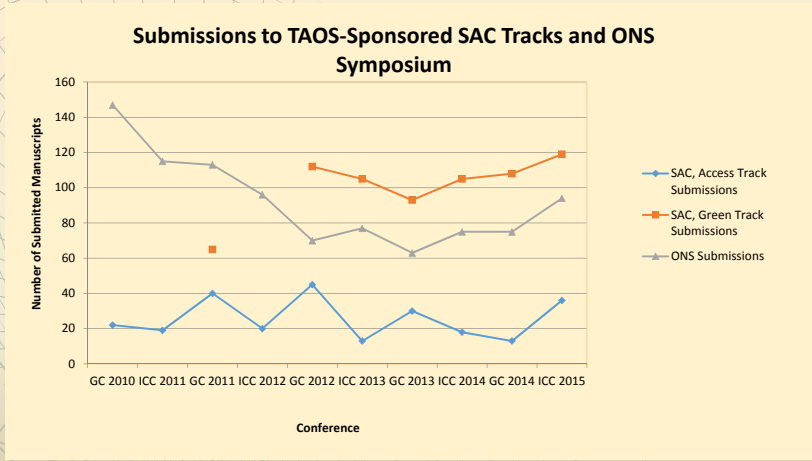


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## Conferences Update (7/12) SAC & ONS Trends, 2010 thru mid-2015

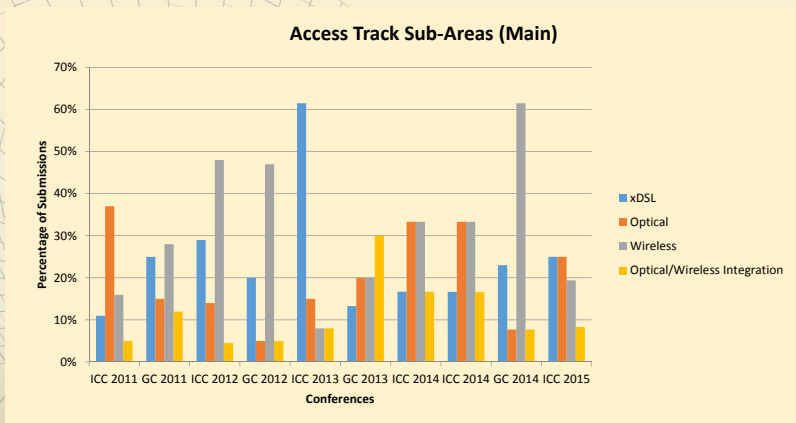


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## Conferences Update (8/12) SAC Access Track (Main Areas): 2011 thru mid-2015

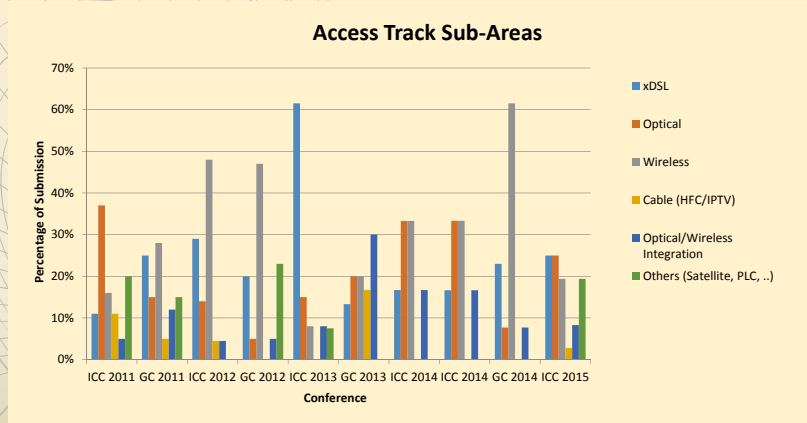


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## Conferences Update (9/12) SAC Access Track (All areas): 2011 thru mid 2015

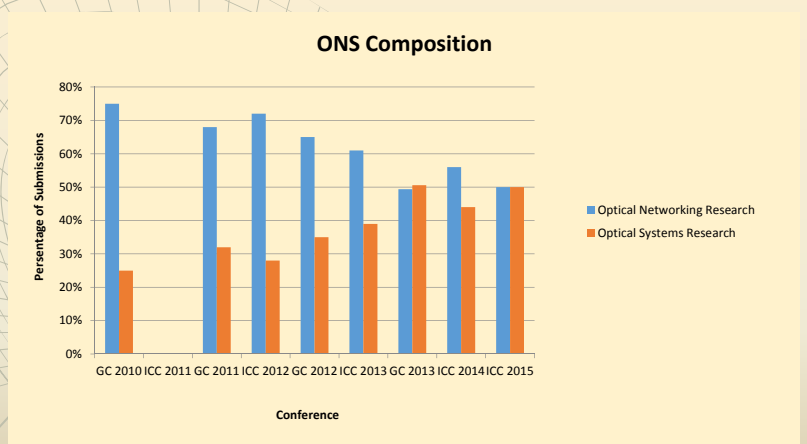


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## Conferences Update (10/12) ONS- Networks versus Systems, 2011 thru mid-2015



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## Conferences Update (11/12)

### ICC & GC in the works

- ◆ **GC 2015 (San Diego), Approved TAOS Co-Chairs:**
  - Hakki C. Cankaya for SAC ANS
  - Abdallah Shami for SAC GCSN
  - Jean Armstrong for ONS
- ◆ **ICC 2016 (Kuala Lumpur), Stefano Bregni TPC Chair; Tarek El-Bawab & Fabrizio Granelli Workshops Co-Chairs. TAOS nominated:**
  - Ahmed Kamal as co-chair for SAC ANS
  - Anura Jayasumana as co-chair for SAC GCSN
  - Walter Cerroni as co-chair for ONS
- ◆ **GC'2016 (Washington DC), TAOS nominated the following Co-Chairs**
  - Luca Valcarengi as co-chair for SAC ANS
  - Taisir Elgorashi as co-chair for SAC GCSN
  - Filippo Cugini as co-chair for ONS
- ◆ **ICC 2017 (Paris), GC'2017 (Singapore), and ICC 2018 (Kansas City): no nominations yet**

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## Conferences Update (12/12)

### Other Conferences (Including TCS)

- ◆ **EuCNC 2015 (New)**
  - S. Bregni and T. El-Bawab TPC co-Chairs, and F. Cugini TPC member
- ◆ **2015 NIST-ATIS-Telcordia Synchronization Workshop (New)**
  - R. Subrahmanyam and S. Bregni are steering group members
- ◆ **ITC 2014**
  - M. Reisslein, W. P. Ng, and A. Shami TPC members
- ◆ **EuCNC 2014**
  - A. Jayasumana, F. Cugini, and A. Manikas TPC members
- ◆ **ONDM 2014**
  - A. Bianco, R. Subrahmanyam, and A. Tzanakaki TPC members
- ◆ **NOC 2014**
  - S. Bregni Executive Co-Chair (ComSoc Liaison), J. Elmighani Keynote Speaker, T. Cinkler and L. Valcarenghi TPC members
- ◆ **2014 NIST-ATIS-Telcordia Synchronization Workshop**

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## Other Activities/Updates (1/5)

- ◆ The 6-year-old Telecommunication Engineering Education (TEE) movement, led by Tarek El-Bawab, finally attained fruitful conclusion on **November 1, 2014** as ABET Board of Directors approved the new **Electrical, Computer, Communications, Telecommunication(s), and Similarly Named Engineering Programs**. See ComSoc & IEEE Releases/Articles
  - ◆ [www.comsoc.org/blog/telecommunication-recognized-distinct-engineering-education-discipline](http://www.comsoc.org/blog/telecommunication-recognized-distinct-engineering-education-discipline)
  - ◆ <http://theinstitute.ieee.org/career-and-education/university-education/telecommunications-engineering-is-now-a-distinct-education-discipline>

## Other Activities/Updates (2/5)

- ◆ **TAOS' members contributions to ComSoc leadership:**
  - Stefano Bregni, Tarek El-Bawab, and Steve Gorshe serve in ComSoc Board of Governors
  - Stefano Bregni is VP, Members Relations
  - Tarek El-Bawab is Director, Conference Operation
    - ◆ New ComSoc TCS Policy Published:  
[http://www.comsoc.org/files/Conferences/comsoc\\_TCS\\_review\\_process\\_v2.5.pdf](http://www.comsoc.org/files/Conferences/comsoc_TCS_review_process_v2.5.pdf)
  - Steve Gorshe is Director of Magazines
  - Michael Devetsikiotis is Chair of GITC
  - Tarek El-Bawab, Michael Devetsikiotis, and Fabrizio Granelli are Board Member, Education and Training Board (ETB)

## Other Activities/Updates (3/5)

- ◆ **IEEE/ComSoc Green ICT initiative successful in Phase I funding (by IEEE). Initiative now in Comsoc and Co-Chaired by Jaafar Elmirghani.**
  - Tarek El-Bawab represents TAOS in this activity
- ◆ **Members elevated to Fellow Grade**
  - Jean Armstrong
  - Frank Effenberger (Elevated to OSA Fellow and IEEE Fellow, 2014)
- ◆ **Distinguished Lecturers (DLs):**
  - Jaafar Elmirghani, Fabrizio Granelli (2nd term), Anura Jayasumana, and Ahmed Kamal.
- ◆ **Talks & Tours**
  - Elmirghani, J., "Greening the future Internet," Invited tutorial , IEEE INTELECT, Mumbai, India, 22-24 January 2015.
  - Elmirghani, J.M.H., "Greening Core, Data Centre and Content Distribution Networks," in Wellington, Auckland and Dunedin, New Zealand (Nov. 2014)

## Other Activities/Updates (4/5)

- ◆ **The 2014 IEEE ComSoc Best Tutorial Paper Award**
  - Jean Armstrong, "*OFDM for Optical Communications* [Invited Tutorial]," IEEE Journal of Lightwave Technology, Vol. 27, No. 3, February 2009, pp. 189-204.
- ◆ **Editorship**
  - Ahmed Kamal, IEEE Communications Surveys and Tutorials
  - Tarek El-Bawab, Frank Effenberger, and Ravi Subrahmanyam, IEEE Communications Magazine
  - Ahmed Kamal and Filippo Cugini, Elsevier's Journal of Optical Switching and Networking (OSN)
- ◆ **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
  - Optical Wireless Workshop ran again at Globecom 2014; and planned for Globecom 2015.



## Other Activities/Updates (5/5)

- ◆ **Other Activities (cont.):**
  - Optical Wireless Tutorial ran successfully at at Globecom 2014 and is also accepted for ICC in London; by Jean Armstrong, Maite Brandt-Pearce and Zhengyuan (Daniel) Xu
  - Stefano Bregni serves in Ad Hoc Committee on Smart Grid Communications and Michael Devetsikiotis serves in Ad Hoc Committee on Cloud Communications and Networking
- ◆ **Student Competition Program's representatives:**
  - 2014: Walter Cerroni;
  - 2013: Tarek El-Bawab
- ◆ **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

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## TAOS Award GC'2014- Austin, Texas

- **Two Best Paper Awards**
- **Four Service Awards**

## TAOS' Best Paper Awards (1/2)

- ◆ **The TAOS Best Paper Award in the Globecom 2014's Access Networks and Systems (ANS) Track, Symposium on Selected Areas in Communications (SAC) is presented to the paper:**
  - **"Experimental Evaluation of TCP Performance over 10 Gb/s Passive Optical Networks (XG-PON)"**
    - ◆ Jerome A. Arokkiam, Department of Computer Science, University College Cork, Ireland
    - ◆ Xiuchao Wu, Department of Computer Science, University College Cork, Ireland
    - ◆ Kenneth N. Brown, Department of Computer Science, University College Cork, Ireland
    - ◆ Cormac J. Sreenan, Department of Computer Science, University College Cork, Ireland

## TAOS' Best Paper Awards (2/2)

- ◆ **The TAOS Best Paper Award in the Globecom 2014's Green Communication Systems and Networks (GCSN) Track, Symposium on Selected Areas in Communications (SAC) is presented to the paper:**
  - **"Energy-Aware De-allocation of Lightpaths in WDM Networks,"**
    - ◆ Juliana De Santi, State University of Campinas, Brazil
    - ◆ Nelson L. S. da Fonseca, State University of Campinas, Brazil

## TAOS' Service Awards (1/4)

### ◆ Stefano Bregni



*In Recognition of His  
Excellent Leadership  
and Contributions to  
TAOS*

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## TAOS' Service Awards (2/4)

### ◆ Steve Gorshe



*In Recognition of His  
Excellent Leadership  
and Contributions to  
TAOS*

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## TAOS' Service Awards (3/4)

### ◆ Michael Kincaid



*In Recognition of His  
Excellent Leadership  
and Contributions to  
TAOS*

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## TAOS' Service Awards (4/4)

### ◆ Walter Cerroni



*For His Remarkable  
Contribution to  
Designing and  
Developing TAOS  
Website*

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## ***Thank you***

### ***I have enjoyed serving this community!***

- ◆ **Happy to have worked with many colleagues to accomplish a lot!**
  - **Raised recognition of TAOS; meeting attendance; etc**
  - **Well thought-about, well respected, and adaptable P&P; guaranteeing stability of the TC**
  - **Diverse portfolio of activities**
  - **Strong support of ICC, Globecom, and several other conferences, with continuous supply of new blood/faces**
    - ◆ **Have sponsored up to five different tracks/symposia**
  - **Proposed and maintained two ICC/GC SAC tracks, and now made proposal to elevate one of them to full blown Symposium (first new ICC/GC Symposium for sometime)**

## ***Thank you***

### ***I have enjoyed serving this community!***

- **Large contributions to publications of all kinds; plus one of the first three ComSoc's best readings projects**
- **One of very few TCs pursuing standardization activities**
- **Membership exceptionally rich of technical talent, and largest TC contribution to ComSoc leadership in all areas**
  - ◆ **Research, Publications, Technical activities, Education, Standards, and Member Relations**
- **Have just completed a new and catchy website**
- **Attractive Newsletter**
- **Have a strong, and stable, awards program that recognize excellence and dedication**

***It has been a wonderful ride ...***

***Thank you, once again***



**Questions?  
Other Business?**



***Meeting Adjourned!***