Communications Systems Integration and Modeling Technical Committee

CSIM – TC

Hilton Garden Inn Hotel – Red River/ 18th Floor
Wednesday December 10th, 2014, 17:30-19:00

Stefano Giordano - TC Chair
Agenda

- Welcome & Introductions
- Approval of the agenda
- Approval of Meeting Minutes ICC 2014 (Sydney)
- Resign of Vice-chair
- Election of the Secretary
- Extension of the Chair position for other 6 Months
- Reports from GIMS/GITC
- Reports from TAC
- CSIM Status and Activities
- Reports on Conferences
- Reports on Publications
- Standard Liaison
- Recertification of the TC/Revision of the P&P Document
- Next CSIM-TC Meeting
- Other Business/Adjournment
Welcome & Introduction

The IEEE Communications Society is a community comprised of a diverse group of industry professionals with a common interest in advancing all communications technologies.

- produce publications
- organize conferences
- foster educational programs
- promote local activities
- work on technical committees

The IEEE Communication Society is organized in

- **24 Technical Committees**
- **13 Emerging Technical Sub-Committees**

Independent Society of the IEEE from 1972*
over 50,000 members

* although founded in 1952 with IRE – Institute of Radio Engineers

<table>
<thead>
<tr>
<th>Grade</th>
<th>Fellows</th>
<th>Senior Members</th>
<th>Members</th>
<th>Student Members</th>
<th>Total Voting Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 2013</td>
<td>1071</td>
<td>5769</td>
<td>33111</td>
<td>6298</td>
<td>46249</td>
</tr>
</tbody>
</table>
Governance

Elected Officers

VP Conferences Hikmet Sari

VP Member Relations Stefano Bregni

VP Publications Sarah Kate Wilson

VP Standards Robert S. (Rob) Fish

VP Technical Activities Khaled Letaief

Each position is for a term of two years
New elected President

Harvey A. Freeman
Term Beginning January 2015

Member-at-large

Gerhard Fettweis - Germany
Araceli Garcia Gomez - Mexico
Steve Gorshe - USA
James Hong - South Korea
Approval of the Agenda
Minutes of previous Meeting

Approval of Meeting Minutes

ICC 2014 (SYDNEY)

Resign of Vice-chair

Due to an increased workload Prof. Michailidis asked the TC to accept his resignation from Vice-Chair position.

He recently became director of a data science and informatics institute and editor-in-chief of one of the major journals on statistics

The TC, considering the above reasons, accepted his decision
Election of the Secretary

Election Commission:

• Mike Devetsikiotis
• Nelson Fonseca
• Fabrizio Granelli

One self-nomination

Dzmitry Kliazovich

Dzmitry Kliazovich is a Research Fellow at the Faculty of Science, Technology, and Communication of the University of Luxembourg. He holds an award-winning Ph.D. in Information and Telecommunication Technologies from the University of Trento (Italy). He was a visiting scholar at the Computer Science Department of the University of California at Los Angeles (UCLA) in 2005 and at the School of Information Technologies of the University of Sydney in 2014.

Dr. Kliazovich is a holder of a large number of scientific awards, mainly from the IEEE Communications Society, European Research Consortium for Informatics and Mathematics (ERCIM) and Italian Ministry of Education. His work on energy-efficient scheduling in cloud computing environments received Best Paper Award at the IEEE/ACM International Conference on Green Computing and Communications (GreenCom) in 2010. He served as general and TPC chair in a number of high-ranked international conferences, including the IEEE International Conference on Cloud Networking (CLOUDNET 2014).

Dr. Kliazovich is the author of more than 90 research papers and Editorial Board Member of the IEEE Communications Surveys and Tutorials. He is a coordinator and principle investigator of Energy-Efficient Cloud Computing and Communications initiative funded by the National Research Fund of Luxembourg. His main research activities are in the field of energy efficient communications, cloud computing, and next-generation networking.
Extension of the Chair for other 6 Months

CSIM TC Officers
Officers for the next 6 months:

Stefano Giordano (Chair)
Christos Verikoukis (Vice-Chair)
Dzmitry Kliazovich (Secretary)

- Standard Liaison Harry (Charalobos) Skianis
- Student Competition Program Periklis Chatzimisios
Reports on GIMS/GITC

GLOBECOM/ICC Management and Strategy Committee

GLOBECOM/ICC Technical Committee

- **GIMS**: Monday December 8th, 8.00-12.00 a.m.
- **GIMS/GITC**: Monday December 8th, 12.00-4.00 p.m.
- **GITC**: Tuesday December 9th, 2.00-6.00 p.m.
WORKSHOPS

Some numbers
ICC 2013 49 proposals; 29 accepted; 9 cancelled;
GC 2013 45 proposals; 22 accepted; 7 cancelled;

COMSOC Targets: around 20% of surplus
Typical sponsorship for these flagship events 200 – 350 K$

POSTER PAPERS (INTERACTIVE)

TUTORIALS
Report from TAC
Technical Activities Council

TAC  Wednesday December 10th  7.30-9.30
Hilton Garden Ill Hotel
Colorado Room
<table>
<thead>
<tr>
<th>Technical Committees</th>
<th>Emerging Technical Subcommittees</th>
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<tbody>
<tr>
<td>Ad Hoc &amp; Sensor Networks</td>
<td>5G Mobile Wireless Internet</td>
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<td>Cognitive Networks</td>
<td>Autonomic Communications</td>
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<td>Communications &amp; Information Security</td>
<td>Cable Networks &amp; Services</td>
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<td>Communications Quality and Reliability</td>
<td>Cloud Communications &amp; Networking</td>
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<td>Communications Software</td>
<td>Innovation &amp; Standards in Information &amp; Communication Technologies (ISICT)</td>
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<td>Communications Switching &amp; Routing</td>
<td>Integrated Fiber &amp; Wireless Technologies</td>
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<td><strong>Communications Systems Integration &amp; Modeling</strong></td>
<td>Internet of Things</td>
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<tr>
<td>Communication Theory</td>
<td>Nano-Scale, Molecular &amp; Quantum Networking</td>
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<td>Computer Communications</td>
<td>Situation Management</td>
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<td>Data Storage</td>
<td>Smart Grid Communications</td>
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<td>e-Health</td>
<td>Software Defined Networking &amp; Network Function</td>
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<td>Green Communications &amp; Computing</td>
<td>Virtualization</td>
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<td>Information Infrastructure &amp; Networking</td>
<td>Social Networks</td>
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<td>Internet</td>
<td>Vehicular Networks &amp; Telematics Applications</td>
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<td>Multimedia Communications</td>
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<td>Network Operations &amp; Management</td>
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<td>Optical Networking</td>
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<td>Power Line Communications</td>
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<td>Radio Communications</td>
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<tr>
<td>Satellite &amp; Space Communications</td>
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<td>Signal Processing &amp; Communications Electronics</td>
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<tr>
<td>Transmission, Access, &amp; Optical Systems</td>
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<td>Wireless Communications</td>
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Other Activities

IEEE Fellows (101 nominations -> 39 elected)
Awards
Education
The actual list of distinguished lecturers is available here
http://www.comsoc.org/about/memberprograms/distinguished-lecturers

Some finish their term at the end of 2014 another group at the end of 2015

Every TC can propose up to 4 DL.

For the next two years period (starting in 2016) 16 out of 62 submissions were selected

Their term can be extended by other two years (on 15 submissions for extension only 5 were accepted)
Recertification

All the TCs are recertified every 3 years

Two TCs have a small number of members
They will have to declare their plan to increase the number of members

BoG is willing to recertify all the remaining TCs

It is very relevant that they update their Policies and Procedures
Telecommunications Engineering Is Now a Distinct Education Discipline

The movement to recognize communication/telecommunication engineering as formal engineering education discipline had its roots in the 2008-2009 timeframe. The first article in this regards was published in January 2010 (IEEE Communications Magazine, Vol. 48, No. 1, pp. 20). This article stimulated considerable community interest. A Telecommunication Engineering Education (TEE) US Workgroup/Taskforce was formed within IEEE ComSoc’s Education Board in 2010-2011. The position paper of the group was published in September 2012 (Vol. 50, No. 9, pp. 14-6, September 2012; and Vol. 51, No. 3, p. 168, March 2013). This paper promoted the case for specialized Telecom Engineering education in the US and strengthened it; energized the TEE movement; and stimulated discussions involving IEEE Education activities and ABET in this regards.

As result of the TEE movement, the IEEE Committee on Engineering Accreditation Activities (CEAA) proposed changes in the Electrical and Computer Engineering accreditation criteria (to include communication-engineering dedicated provisions). In the same year (2012), ABET approved these changes and the CEAA formed an ad hoc committee (virtual team) to make detailed proposal(s) for these changes. ComSoc was represented in this committee by three members of the TEE Workgroup who took a lead in writing up the new criteria proposals (Tarek El-Bawab, Frank Effenberg, and Michael Kincaid). After nearly six months of discussions and deliberations, the CEAA approved a new criteria proposal in February 2013. This proposal was also approved by ABET Engineering Accreditation Commission (EAC) in July 2013; and by ABET Board on October 25, 2013. The proposed new criteria are published in ABET website (http://www.abet.org/earl-criteria-2014-2019/) and expected to be bases for ABET’s accreditation visits as of fall 2015.

After several years of work by IEEE and the IEEE Communications Society (ComSoc), “telecommunications engineering” has been recognized as a formal engineering course of study in the United States. This recognition came earlier this month from ABET, the accrediting body for academic programs in applied science, computing, engineering, and technology.
Other activities of Comsoc in the field of Education and Training

http://www.ieee-wcet.org/
http://www.comsoc.org/training
Student Competition

More details

http://www.comsoc.org/blog/ieee-comsoc-student-competitions-communications-technology-changing-world

Student Competition Program Officer  Periklis Chatzimisios
Awards and Recognitions

CAREER AWARDS *(Nominations due September 1 unless otherwise noted)*
- IEEE Communications Society Edwin Howard Armstrong Achievement Award
- IEEE Communications Society Distinguished Industry Leader Award *(Nominations due Feb 15 & Sep 1)*
- IEEE Communications Society Industrial Innovation Award
- IEEE Communications Society Award for Public Service in the Field of Telecommunications

SERVICE AWARDS *(Nominations due September 1 unless otherwise noted)*
- IEEE Communications Society Donald W. McLellan Meritorious Service Award
- IEEE Communications Society Harold Sobel Award for Exemplary Service to Meetings & Conferences
- IEEE Communications Society Joseph LoCicero Award for Exemplary Service to Publications
- IEEE ComSoc/KICS Exemplary Global Service Award

PAPER AWARDS *(Nominations due February 15 unless otherwise noted)*
- The IEEE Communications Society Best Tutorial Paper Award
- The IEEE Communications Society Fred W. Ellersick Prize
- The IEEE Communications Society Heinrich Hertz Award for Best Communications Letter
- The IEEE Communications Society Leonard G. Abraham Prize
- The IEEE Communications Society Stephen O. Rice Prize
- The IEEE Communications Society William R. Bennett Prize
- The IEEE Communications Society Award for Advances in Communication
- The IEEE Communications Society & Information Theory Society Joint Paper Award *(Deadline March 15)*
- IEEE Marconi Prize Paper Award in Wireless Communications

* Young author best paper award
  (over three year period; the first author needs to be at maximum 30 year old)

* Education Award
### Standards

#### Standards Development
- **Chair/Director**: Mehmet Ulema
- **Vice Chair**: Glen Kramer
- **Secretary**: Niranth Amogh
- **Treasurer**: Farooq Bari
- **Ex Officio**: Rob Fish
- **Additional Members**: Marcus Brunner, Jean-Philippe Faure, Hiroshi Harada, Purva Rajkotia, Nirmala Shenoy, Kevin Lu, Curtis Siller
- **Advisors**: Alex Gelman, Kevin Lu, Curtis Siller
- **IEEE-SA**: Lisa Perry

#### Standardization Programs Development
- **Chair/Director**: Alex Gelman
- **Ex Officio**: Rob Fish
- **Members**: Stephen Bush, SM Hassan, Ranga Rao Venkatesha Prasad, Tarik Taleb
- **Advisor**: Mehmet Ulema

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**CSIM TC Standard Liaison** Harry (Charalobos) Skianis

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**IEEE Standards in Education**

- ComSoc Standards Development Website
- Standards Development Guidelines

To obtain the list of ComSoc standards projects, type in "Communications Society" and search at: IEEE Standards Status Report

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Many activities of COMSOC not limited only to the P.1900 Series

Visit [http://www.comsoc.org/about/boards/standards](http://www.comsoc.org/about/boards/standards)
Call for participation
IEEE Communication Society Standards activities council
Software Defined and Virtualized Ecosystem Standards Activities

* Study Group on “Security, Reliability and performance for Software Defined and Virtualized Ecosystems”
  Contact: Spilios Makris, Chair spilios.makris@palindrometech.com

* Research Group on “Software Defined and virtualized wireless access”
  Contact: Fabrizio Granelli, Chair granelli@disi.unitn.it

* Research Group on “Software Defined and virtualized ecosystem – Abstraction – Structure Network Objects (SNO)”
  Contact: Ken Kerpez, Chair kkerpez@assia-inc.com

* Task Group on “Service Virtualization”
  Contact: Mehmet Ulema, Chair mehmet.ulema@manhattan.edu

You are cordially invited to participate in any of the standardization programs above. Please contact the individual chairs of the activities in which you are interested.
Call for participation
IEEE Communication Society Standards activities council
Internet of Things Standards Activities

* Research Group on “IoT Architectures”
  Contact: Jaeseung Song, Chair jssong@sejong.ac.kr

* Research Group on “Communication and Networking infrastructures”
  Contact: Stefano Giordano, Chair s.giordano@iet.unipi.it

* Research Group on “IoT Services”

* Task Group on “IoT APIs in E-health”

You are cordially invited to participate in any of the standardization programs above. Please contact the individual chairs of the activities in which you are interested.

See also http://standards.ieee.org/innovate/iot/
Research Group (RG):
A Research Group (RG) is formed under IEEE ComSoc when enough interest has been identified in a particular area of study. The objective of a RG is to identify and address research issues that need to be solved on the way to standardization of technology. The output of the research group can take various forms, such as vision documents, research reports, white papers, collective publications in ComSoc Magazines and/or Journals, conference papers, tutorial, etc. In the process of the RG operation the Research Groups may identify specific standardization opportunities and may recommend forming one or more Study Groups. If the Research Group’s consensus is that the opportunity is sufficiently mature for standardization the RG can directly generate a PAR (Project Authorization Request) and propose **formation of a WG** to carry out the standardization work. Research Groups can be formed and operate in ComSoc under the Standardization Programs Development Board (CSPDB) according with CSPDB and ComSoc Policies and Procedures. Should there be a consensus within the Research Group to operate under the IEEE-SA Industry Connections Program, CSPDB can facilitate and sponsor this activity.

Study Group (SG):
A Study Group (SG) is formed when enough interest has been identified in a particular area of study (under the sponsorship of an IEEE-SA Standards Sponsor (like ComSoc Standards Development Board)). A SG work continues for 6 months with the objective of drafting a Project Authorization Request (PAR) for consideration by the Sponsor. The draft PAR may recommend a standards development process for the project. If the PAR is approved, **the SG gets disbanded and a Working Group (WG)** is formed to carry out the standardization activity spelled out in the approved PAR. A SG is a formal entity whose activities are governed by the Policies and Procedures of the Sponsor.
The charter of IEEE Communications Society Standardization Program Development Board (CSPDB) includes:

- Identifying novel high-risk/high-payoff ideas
- Nurturing selected ideas towards pre-standardization maturity
- Allocating resources for Vision and Research Projects to advance such ideas
- Understanding and disseminating the essence of innovation
- Establishing journals and conferences related to innovation

Director: Stephen F Bush - bushsf@research.ge.com

Board Members:
- SM Hasan (GE)
- Lutz Lampe (UBC)
- Sanjay Goel (SUNY)
- Mehmet Ulemma (Manhattan College)
- Tarik Taleb (NEC)
- R. Venkatesha Prasad (TU Delft)

Contact the director above if you would like to present ideas, participate in any of the activities below, have questions, or provide comments.

To participate, join the CSPDB email list. A wiki is also open for user input.

See "LET US KNOW HOW WE CAN HELP YOU" on the sidebar for more detail.

Submit a Project Request Form for a new idea.
Third IEEE Workshop on Telecommunication Standards: From Research to Standards
Part of IEEE Globecom 2014, Austin, TX, USA
Workshop Day: 8 Dec. 2014

Workshop Committee

Workshop General Chair
Dr. Tarik TALEB, NEC Europe Ltd.

Panel And Keynotes Co-Chairs
Dr. David Soldani, Huawei European Research Centre (ERC), Germany
Dr. Anass Benjebbour, NTT DOCOMO, Japan

TPC Co-Chairs
Dr. Adlen Ksentini, INRIA Rennes / University of Rennes 1, France
Dr. Amitav Mukherjee, Hitachi America Ltd., USA
Mr. Athul Prasad, Nokia, Finland
Dr. Jae Seung Song, Sejong University, Korea
Dr. Klaus Doppler, Nokia Research Center, USA
Dr. Tuncer Baykas, Medipol University, Turkey

Important Dates:
Submission deadline
15 July 2014 (FIRM)
Acceptance notification:
01 September 2014
Camera ready version due:
01 October 2014
Workshop Day:
08 December 2014

Publicity Co-Chair Periklis Chatzimisios
Technical Endorsment

An ad-hoc commission composed by

Burak Kantarci
Periklis Chatzimisios
Dzmitry Kliazovich

was nominated by the TC to evaluate every conferences/workshops requesting technical endorsement and keep track of our members in the TPCs (each of the members of the TC can participate at most to 2 TPCs a year)

The endorsements of the TC are anyway reviewed and confirmed by the TC Chair

Thanks a lot for their hard work on this aspects
### 2014: CSIM Sponsored Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
</table>
| **WCSP2014** | International Conference on Wireless Communications and Signal Processing  
  October 23-25 2014, Hefei, China  
  Christos Verikoukis (UPC)  
  Jaime Lloret Mauri (Universidad Politécnica de Valencia)  
  Charalabos Skianis (University of Aegean) |
| **ATNAC 2014** | Australasian Telecommunication Networks and Applications Conference  
  Nov 26-28, 2014 Melbourne, Australia  
  Dzmity Kliazovich (University of Luxembourg)  
  Ioannis Papapanagiotou (Purdue University)  
  Antonio Pescape (Universita’ di Napoli) |
| **EMTC 2014** | EURO MED TELCO CONFERENCE  
  Sep. 10-13, Naples, Italy  
  Joel Rodrigues (University of Beira Interior, Portugal)  
  Gregorio Martinez (University of Murcia, Spain)  
  Piotr Cholda (AGH University of Science and Technology, Poland) |
| **CCEM 2014** | IEEE INTERNATIONAL CONFERENCE ON CLOUD COMPUTING IN EMERGING MARKETS  
  Oct. 15-17, Bangalore, India  
  Sammy, Chan (City University of Hong Kong)  
  Alessio Botta (University of Napoli, Italy)  
  John Silvester (University of Southern California) |
| **ICTC 2014** | INTERNATIONAL CONFERENCE ON ICT CONVERGENCE  
  Oct. 22-24, Busan, Korea  
  Nizar Zorba (Qatar University)  
  Jesus Alonso-Zarate (CTTC)  
  Herwig Bruneel (Ghent University, Belgium) |
| **WD 2014** | WIRELESS DAYS 2014  
  Nov. 12-14, Rio de Janeiro, Brazil  
  Abd-Elhamid Taha (Alfaisal University, KSA)  
  Vasco Soares (Polytechnic Institute of Castelo Branco, Portugal)  
  Youssef Iraqi (Khalifa University) |
<table>
<thead>
<tr>
<th>Event Name</th>
<th>Date and Location</th>
<th>Organizers/Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NOF 2014</strong> - INTERNATIONAL CONFERENCE ON THE NETWORK OF THE FUTURE</td>
<td>Dec. 3-5, 2014, Paris, France</td>
<td>Esa Hyytiä, Aalto University, Ashraf Matrawy, Carleton University, Yang Xiao, The University of Alabama</td>
</tr>
<tr>
<td><strong>WISEE 2014</strong> - IEEE INTERNATIONAL CONFERENCE ON WIRELESS FOR SPACE AND EXTREME ENVIRONMENTS</td>
<td>October 30-31, 2014 Noordwijk, Netherlands</td>
<td>Fotis Lazarakis, NCSR ‘Demokritos’, Thomas Lagkas, The University of Sheffield International Faculty, CITY College, Spyros E. Polykalas, TEI of Ionian Islands</td>
</tr>
<tr>
<td><strong>NOC 2014</strong> - EUROPEAN CONFERENCE ON NETWORKS AND OPTICAL COMMUNICATIONS</td>
<td>June 4-6, 2014, Milan, Italy</td>
<td>Giacomo Verticale, Politecnico di Milano, Deep Mehdi, University of Missouri-Kansas City, Steven Wright, University of Wisconsin-Madison</td>
</tr>
<tr>
<td><strong>TEMU 2014</strong> - INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND MULTIMEDIA</td>
<td>July 28-30, 2014 Heraklion, Crete, Greece</td>
<td>Charabalos Skianis, University of Aegean, Christos Verikoukis, CCTC</td>
</tr>
<tr>
<td><strong>MOWNET 2014</strong> - International Conference on Selected Topics in Mobile and Wireless Technology</td>
<td>Sep 8-10 2014, Rome, Italy</td>
<td>Joel Rodrigues, University of Beira Interior, Portugal, Abdelhamid MELLOUK, UPEC, University Paris-Est Creteil Val de Marne, Periklis CHATZIMISIOS, Alexander TEI of Thessaloniki</td>
</tr>
<tr>
<td><strong>CITS 2014</strong> - The 2014 International Conference on Computer, Information and Telecommunication Systems</td>
<td>July 7-0 Jeju Island, Korea</td>
<td>Franco Davoli, University of Genoa, Mohammad S. Obaidat, Monmouth University, Helen Karatza, Aristotle University of Thessaloniki</td>
</tr>
</tbody>
</table>
## 2015: CSIM Sponsored Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
<th>Speakers</th>
<th>Organizers</th>
</tr>
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<tbody>
<tr>
<td><strong>DRCN 2015 Design of Reliable Communication Networks</strong></td>
<td>March 25-27</td>
<td>Kansas City, USA</td>
<td>Deep Mehdi, University of Missouri-Kansas City</td>
<td>Piotr Cholda, AGH University of Science and Technology, Poland</td>
</tr>
<tr>
<td><strong>NETSOFT 2015 1ST Conference on Network Softwarization</strong></td>
<td>April 13-17</td>
<td>London, UK</td>
<td>Stefano Giordano, University of Pisa</td>
<td>Burak Kantarci, Antonio Pescape, Universita' di Napoli</td>
</tr>
<tr>
<td><strong>WMNC 8th IFIP WIRELESS MOBILE NETWORKING CONFERENCE</strong></td>
<td>Nov 23-25 June 2-15, Serbia</td>
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<td>Youssef Iraqi, Khalifa University</td>
<td>Helen Karatza, Aristotle University of Thessaloniki</td>
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</table>
**Scope:** the committee is concerned with the systems disciplines and modeling tools that **facilitate the integration** of information-transport equipments, subsystems, and networks into **communications systems**.

The committee particularly addresses **computer-aided modeling of integrated subsystems** to **answer architectural and performance questions**.
Modeling and Simulation

Integration

Design

Performance Evaluation

CSIM-TC Domains
Several active initiatives (see later)

Currently: 262 members

Website:

* You can reach it also from
* http://www.comsoc.org/~csim

Interaction with members by means of:

* Mailing list csim@comsoc.org

To subscribe

Send an e-mail to list@comsoc.org
In the body of the e-mail write

join CSIM Name Surname

MEMBERSHIP

A member of the technical committee is any member of IEEE COMSOC or IEEE Communications Society Affiliate or member of a Sister Society interested in participating. The members subscribe the mailing list.

A member becomes an Active Member if he/she has attended (physically present or by teleconference) two or more of the prior six regularly scheduled CSIM TC meetings. The CSIM TC Secretary shall maintain an attendance list for each of such meetings. All the CSIM TC meetings are open.
## Special Interest Groups (DISBANDED)

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<th>SiG</th>
<th>Contact person</th>
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<tr>
<td>Cross-Layering</td>
<td>F. Granelli</td>
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<tr>
<td>Services Modeling and Simulation</td>
<td>M. Devetsikiotis</td>
</tr>
<tr>
<td>Measurements</td>
<td>A. Pescapè</td>
</tr>
<tr>
<td>Future Internet Testbeds</td>
<td>H. Skianis</td>
</tr>
<tr>
<td>Modeling and Simulation Tools</td>
<td>J. Rodrigues</td>
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<tr>
<td>Design and Performance</td>
<td>C. Verikoukis</td>
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<tr>
<td>Optimisation of Green Networking</td>
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<tr>
<td>Smart Grid Communications</td>
<td>P. Chatzimisios</td>
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- SIGs have to be transformed
  - in a best reading action
  - in an active subgroup of our Social Network pages
  - in Special Session at IEEE CAMAD
CSIM eNewsletter

- In the past edited on the website and disseminated via our mailing list
- Now this has to be evolved to Facebook, Linkedin and Twitter

* Content:
  * Reports from SIGs
  * Research Articles & Reviews of published works
  * CFPs from conferences, workshops, Special Issues supported by CSIM
  * Research projects description
  * Open Positions/scholarships
  * Best paper awards from CAMAD, from the symposiums organized by CSIM or other supported conferences
  * Reports/pictures from CSIM events
  * IEEE distinguish lectures from CSIM members
  * Demos/simulators
  * Tutorials

* Editors:
  * C. Verikoukis
  * Dzmitry Kliazovich
CSIM should provide a forum to facilitate discussion and interaction among experts worldwide.

- Through Web2.0 tools:
  - Live face to face meeting twice a year (at Globecom and ICC).
  - Remote participation using videoconferencing/voiceconferencing facilities were also experienced but the facilities are not always available (e.g. Elluminate).
CSIM Volunteers

* Nelson Fonseca – Awards
* Harry Skianis – Standard Liaison
* Periklis Chatzimisios – Membership Development; Web Site and Web2.0 Management; Student Competition
* George Michailidis – Smart Grid Ad-Hoc Committee

We are in search for a volunteer for Web 2.0 activities:

a CSIM Web 2.0 tools hacktivist!
CSIM Awards

- Current awards:
  - Conference Best Paper Award
  - Best Paper Award
  - Distinguished Service Award
  - Career Achievement Award
- Need to indicate qualified members to ComSoc awards and well as to IEEE awards
- CSIM Awards Sub-Committee
  - Chair: Nelson Fonseca
* CSIM is available to support proposals for special issues on IEEE journals (ComMag, JSAC, etc.) and other editorial activities
* CSIM can also propose some area for the **Best Readings** initiatives e.g.
  - Software Defined Networking
  - Network Function Virtualization
  - Measurements
Members Support & Evolution

* Distinguished Lecturer Applicants
  * Fabrizio Granelli
  * Nelson Fonseca
* Senior/Fellow Status Applicants
* Volunteers for editorial board
Sponsored Events
Forthcoming Events

2015 London
2016 Kuala Lumpur
2017 Paris
2018 Kansas City

2015 San Diego
2016 Washington D.C.
2017 Singapore
2018 Abu Dhabi
2014

**ICC**

General chairs: Charalabos Skianis, Christos Verikoukis
TPC Chairs: Nikos Passas, George Koudouridis, Ozgur B. Akan, Burak Kantarci
Date: 1-3 December 2014

Symp. on “Comm. QoS, Reliability and Performance Modeling”

Co-Chair: Stefano Giordano
Date: June 10-14 2014

Sydney, Australia
143 submissions, 53 accepted; Acceptance ratio 37.06%

**CAMAD**

General co-chairs: Charalabos Skianis, Christos Verikoukis
TPC Chairs: Nikos Passas, George Koudouridis, Ozgur B. Akan, Burak Kantarci,
Date: 1-3 December 2014

Symp. on “Comm. QoS, Reliability and Performance Modeling”

Co-Chair: George Michailidis
Date: Dec. 8-12 2014

Austin, Texas
103 submissions, 36 accepted; Acceptance ratio 34.95%

**Globecom**

Symp. on “Comm. QoS, Reliability and Performance Modeling”

Co-Chair: George Michailidis
Date: Dec. 8-12 2014

Athens, Greece
158 submissions, 79 accepted; Acceptance ratio 50%

14 Demos !!!!
IEEE CAMAD 2014

19th IEEE International Workshop on Computer Aided Modeling and Design of Communication Links and Networks

IEEE CAMAD 2014

1-3 December 2014
Athens - Greece

http://www.ieee-camad.org/
IEEE CAMAD 2015
* The University of Surrey, Guildford, Surrey, United Kingdom

* September 14-16 2015

General Chairs
• Prof. Rahim Tafazolli, University of Surrey, UK
• Dr. Periklis Chatzimisios, Alexander TEI of Thessaloniki, Greece

Technical Program Chairs
• Dr. Chuan Heng Foh, University of Surrey, UK
• Dr. Wai Pang Ng, Northumbria University, UK
• Dr. Burak Kantarci, Clarkson University, USA
• Prof. Zhili Sun, University of Surrey, UK

Panel Chairs
• Prof. Jamie Evans, Monash University, Australia
• Dr. Pei Xiao, University of Surrey, UK

Tentative Schedule
• Paper Submission: May 1, 2015
• Notification of acceptance: July 1, 2015
• Camera-Ready Version: August 1, 2015
2015

**ICC**
- Symp. on “Comm. QoS, Reliability and Performance Modeling”
  - Co-Chair: Christos Verikoukis
  - Date: June ‘15
  - London, UK
  - Number of Submitted papers 161

**CAMAD**
- General Chair: Rahim Tafazolli, Periklis Chatzimisios
  - TPC Co-Chairs: Chuan Heng Foh Wai Pang Ng Burak Kantarci Zhili Sun
  - Date:Sept. 14-16
  - Guildford, Surrey, United Kingdom

**Globecom**
- Symp. on “Comm. QoS, Reliability and Performance Modeling”
  - Co-Chair: Stefano Giordano
  - Date: Dic. 6-10
  - San Diego, USA
2016

ICC

CAMAD

Globecom

Symp. on “Comm. QoS, Reliability and Performance Modeling”
Co-Chair: Christos Verikoukis
Date: May 23-27 2016
Kuala Lumpur, Malaysia

General Chair: TBD
TPC Chairs: TBD
Date: TBD
TBD

Symp. on “Comm. QoS, Reliability and Performance Modeling”
Co-Chair: Dzmitry Kliazovich
Date: TBD
Washington, USA
Topics of Interest Globecom/ICC

- Application / Service Oriented Networking
- Cross-layer Design, Modeling and Optimization
- Design of Networks and Network Services
- Design of Software Defined Networks
- Measurement and evaluation techniques of energy efficient networks
- Measurement and evaluation techniques of energy efficiency of communication systems
- Metrics and Models for Quality of Experience (QoE)
- Network design and evaluation of Energy Efficient (Green) networks
- Network Measurement and Monitoring Techniques
- Network Modeling
- Network Simulation Techniques
- Performance evaluation and design of cloud networks
- Performance evaluation and design of cognitive network architectures
- Performance evaluation and integration in Smart Grids communications
- Performance Evaluation Techniques
- Performance Modeling of Next Generation Networks
- Performance of Large Scale Experimental Platforms
- Quality in Multimedia Networks including Voice over IP and IPTV
- Quality, Scalability and Performance in the Internet
- Quality and Performance in Wireless and Mobile Networks
- Quality, Reliability and Performance in Optical and Multi-layer Networks
- Quality and Performance in Autonomic Systems
- Quality and Performance in Grid, Distributed and Cloud Computing
- Quality and Performance in Overlay (including Peer-to-Peer) Networks
- Quality and Performance for Network and Services
- Quality and Resource Allocation for Network Services, VPN, Web
- Resource Allocation for Networks and their services
- Scalability, Robustness and Resilience
- Standardization Aspects of QoS and Reliability
- TCP/IP Performance
- Traffic and Workload Modeling and Characterization
- Traffic and Workload Control
- Traffic Economics
- Traffic Engineering and Traffic Theory
Actions for the next period

- To update the website
- Twitting and highlighting new topics on Twitter & FB
- To increase the outreach of the committee
All the CSIM TC activities are voluntaristic. We are always in search of new volunteers.

- TPC members
- SiG Activities
- Contributions to the Social Networks and our web site
- Organizing committee member
- Contribution to initiatives
- CSIM Officer
- Symposium Chair
- Special issue editor

Increasing effort, increased visibility, increased responsibilities
Committees of the CSIM TC

The following members were nominated for the CSIM TC Award Committee

• Mike Devetsikiotis
• Fabrizio Granelli
• Hussein Mouftah
Other Business/Adjourn
For contacts:

* Stefano Giordano:  s.giordano@iet.unipi.it
* Christos Verikoukis:  cveri@cttc.es
* Dzmitry Kliazovich:  dzmitry.kliazovich@uni.lu

Thanks for attending!