



Meeting Minutes

6th December 2016 – Washington, DC

Document Title:	Meeting Minutes
Meeting:	CSIM Meeting
CSIM-TC Chair:	Christos Verikoukis
CSIM-TC Vice Chair:	Dzmitry Kliazovich
CSIM-TC Secretary:	Burak Kantarci
Meeting Recorder:	Burak Kantarci
File:	Minutes_GC_2016.docx

Location/Room:	Start (day and time):	Finish (day and time):
Fairchild West Room, Hilton Hotel	12/06/2016 18.00	12/06/2016 19.00

Document History

Date	Comments
12/08/2016	Document Created
12/08/2016	Document Recorded
12/08/2016	Final

Purpose of Meeting

Annual meeting of the IEEE Technical Committee on Communications Systems Integration and Modeling (CSIM-TC) which took place within IEEE GLOBECOM 2016.

Agenda

Item	Topic
1.	Welcome & Introduction
2.	Approval of the Agenda
3.	Approval of Meeting Minutes ICC 2016 (Kuala Lumpur, Malaysia)
5.	CSIM Status and Web Site
6.	CSIM Awards
7.	Standard Activities
8.	Special Interest Groups (SIGs)
9.	Newsletter
10	ComSoc Student Competition
11.	Reports on GIMS, GIMS/GITC meetings
12.	Reports from TAC
13	Publications
14.	Member Support and Evolution
15.	Sponsored Events
16.	Next CSIM-TC Meeting
17.	Other Business/Adjournment

List of Participants

	Name	Affiliation
1.	Jonathan Rodriguez	Instituto de Telecomunicaos
2.	Burak Kantarci	University of Ottawa
3.	Fabrizio Granelli	University of Trento
4.	Nelson Fonseca	University of Campinas
5.	Petros Spachos	University of Guelph
6.	Christos Verikoukis	CTTC
7.	Melike Erol Kantarci	University of Ottawa
8.	Cicek Cavdar	KTH
9.	Stefano Giordano	University of Pisa
10.	Victor Sucasas	Instituto de Telecomunicacos
11.	Dimitrios Zorbas	Univ. LaRochelle
12.	Georgios Sklivanitis	University at Buffalo
13.	Seyed Zekavat	Michigan Technological University
14.	Hussein Mouftah	University of Ottawa
15.	R. V. Prasad	TU-Delft
16.	Ales Suigels	Jozef Stefan Ins.
17.	John Vardakas (Remote)	IQUADRAT
18.	Rodrigo A.C. da Silva	University of Campinas
19.	Hektor May Odivorna	University of Campinas
20.	Nizar Zorba	Qatar University
21.	Konstantinos Fysarakis	FORTH, Greece
22.	Claudio Fiandrino	Imdea Networks
23.	Giorgio Quer	UCSD
24.	Kun Yang	Univ. of Essex
25.	Jie Li	Univ. of Tsukuba
26.	Michael Itamra	em Simulation Systems
27.	Pascal Lorenz	Univ. HauteAlcase
28.	Eftychia Datsika	Iquadrat, Spain
29.	Prodromos-Vasilios Mekikis	UPC
30.	George Kalfas	AUTH, Greece
31.	Maryam Pouryazdan	Clarkson University
32.	Fazel Anjomshoa	Clarkson University
33.	Gustavo Figueiredo	Federal University of Bahia
34.	Michael Devetsikiotis	University of New Mexico
35.	Ioannis Papanagiotou (Remote)	Netflix

Meeting Minutes

1. Welcome and Introduction

Christos Verikoukis opens the meeting introducing himself as chair of the TC and the other officers. Attendees introduced themselves. Christos introduces CSIM structure.

2. Approval of the Agenda

The agenda is presented to the attendees and approved.

3. Approval of Meeting Minutes ICC 2016 (Kuala Lumpur, Malaysia)

The committee unanimously approves the minutes of the last CSIM TC meeting at ICC'16.

4. CSIM STATUS

Christos explains CSIM scope and domains of interest. The committee has 511 members. The number of members has increased by 78 since the last meeting. Christos explains the definition of active member: In order for a committee member to be called active, they have to attend at least 2 of the last 3 committee meetings either physically or remotely. Website and mailing list information has also been presented. Posting on web site is possible with membership. Christos reports CSIM activities in social media, and explains CSIM activities LinkedIn, Twitter and Facebook. Fabrizio and Petros drive the social network initiative. Christos presents CSIM volunteers besides the officers.

Petros presents CSIM web site. The web site is running Google Analytics behind. Petros states that interesting results have been noticed. These figures will be presented in the next CSIM meeting ICC 2017. Petros reminds that any relevant events can be disseminated via CSIM web site. Furthermore, on behalf of the CSIM web site volunteers, he welcomes any recommendations. Awards, newsletters and meeting minutes are always available in the web site.

5. CSIM AWARDS

Christos explains the types of awards. Distinguished service award and a technical contribution (best paper) award are the awards to be delivered.

Distinguished Service Award: Hussein Mouftah (recipient of the previous award) delivers the Distinguished Service Award to **Nelson Fonseca**. Nelson delivers a thank you speech to the committee, and also thanks to Hussein for his guidance in meeting the objectives of committee. Hussein adds his comments. He is very happy to see that the committee is successful and being a model for everyone in this and other committees.

CSIM Best Paper Award: Fabrizio Granelli explains about the best paper awards. He also summarizes the criteria as follows: Quality, scope and number of readings and citations. Fabrizio announces the winners of this year:

Ales Svigeij, Radovan Sernec, Kemal Alic, "Network traffic modeling for load prediction: a user-centric approach" IEEE Network, 2015, Volume: 29, Issue: 4, Pages: 88 - 96, DOI: 10.1109/MNET.2015.7166196.

Ales Svigeij receives the award on behalf of all authors. Ales delivers a thank you speech and highlights the contributions of the paper. The paper presents a user-centric approach to traffic modeling in the concept of a network planning framework. It aims at shortening the time-to-market of different services, and large-scale-network optimization. The user is put in the center by creating user-group profiles: Defining the general user behavior in terms of traffic load, the introduction of new services, which usually target user groups, is fast and efficient. It is also reported that the same methods and solutions are equally well applicable to mobile networks.

Next CSIM best paper award will be presented at ICC 2017 in Paris. Fabrizio will take the lead.

6. Standard Activities

Christos explains standards activities in ComSoc. Stefano presents the ongoing voluntary actions. Rapid reaction meetings are being done in the fields of Internet of Things (IoT) and Software Defined Networks (SDN) within IEEE ComSoc. Fabrizio and Stefano represent CSIM in IoT Architectures Research Group. The objective is to generate a white paper investigating new IoT architectures which could be standardized in IEEE ComSoc and other standards organizations, organize conference or workshop to accommodate the research group activities, organize a special issue in a prestigious magazine or journal, and collaborate with other Research Groups and Study Groups established from the workshop IoT. We are planning to contribute in a specific field, which is SDN for IoT. We organized special sessions in several IEEE conferences. IEEE Conference on Standardization for Communications and Networking (IEEE CSCN 2016) that was held 31st Oct. – 2nd Nov. 2016 in Berlin, Germany. There are also other events. We also have a possibility to start research group in the abovementioned area. Stefano invited CSIM members to contribute to the future special sessions in this area.

There is also an upcoming special issue for "IoT architectures, standards and applications" in IEEE Communications Magazine organized by the IoT Architecture Research group in ComSoc. The feature topic is "standards for Software Defined Internet Of Things (SDIoT)". This feature topic will be an opportunity to contribute to **standards** involving, if possible, contributors from industry. The submission schedule starts on 15 May 2017 with the submission deadline, and publication is expected to be in December 2017.

7. Special Interest Groups (SIGs)

Christos presents SIGs. Mission achieved and active SIGs are listed. "OnIoT: Optimization of Networking Technologies for the Internet of Things", "Heterogeneous Ultra-Dense Networks: Modeling, Simulation, Performance Evaluation and Optimization," "Resource Optimization in Heterogeneous Wireless Access

“Networks,” and “Software Defined Networks” are the active SIGs. Mission accomplished SIGs are “Service Modeling for multi-tenant 5G cell-less architectures,” “Smart Grid Communications” and “Measurements”. Active SIGs are expected to report their activities in each issue of CSIM newsletter.

8. Newsletter

Burak presents newsletter. The newsletter in December includes information about short courses, tutorials and summer schools offered by CSIM members, Distinguished Lecturer Tours, recently accomplished events (CAMAD 2016), and upcoming CSIM events (CAMAD 2017). Newsletter had been emailed to the members through mailing list, and it can also be accessed via website. Next newsletter will be published before ICC 2017.

9. ComSoc Student Competition

Christos explains the student competition, and introduces Nizar Zorba as student competition program officer. The focus of ComSoc student competition is communications changing the world. Nelson Fonseca and Stefano Bregni are the coordinators/chairs of this competition. The selection committee consists of 44 members who are mostly TC representatives. The evaluation is a two-step procedure. In the first step, proposals are shortlisted based on an evaluation form whereas the second step evaluates the shortlisted proposals to select two winners. This year 36 proposals were submitted, and 9 of them were shortlisted. One of the winners was from MIT (Wenhan Dai, “Cooperative Networks for Ubiquitous Localization and Navigation”), and the other was from the University of Aizu-Japan (Kazuya Anazawa, “RIM: Resilient Information Management System in Network-Isolated Environment after Disasters”).

10. Reports from GIMS/GITC

Christos updated the committee on the last GITC meeting, and presented the timelines for the upcoming ICC 2017 and Globecom 2017. This year there was a proposal to have each symposium led by a single TC. Consequently, the TPC of a symposium is proposed to be formed solely by that year’s primary TC. The symposiums will be evaluated as follows: The ones that receive low number of submissions may be moved to Selected Areas in Communications Symposium as a track or to Workshops.

11. Reports from TAC

Christos informs the Committee about the status of the Technical Activities Council (TAC). He presents the ETC meeting results. This year, the Big Data subTC was elevated to a full TC, 6 subTCs were disbanded and 7 has been decided to be on probation. The 5G Mobile Wireless Internet subTC was proposed to merge with other related. Furthermore, there was a motion to rename the technical subcommittees (sub-TCs) as Emerging Technology Initiatives (ETIs). Nelson Fonseca’s Distinguished Lecturer Tour has been extended for a second term.

Christos also presents the recertification of the committees. 8 TCs have been reviewed this year based on membership, conferences/publications, web sites, awards, collaborations, P&P/Chapter, and their involvement in standards and industry.

Christos also presents the awards committee report on a best survey paper by ComSoc, and the results of fellow committee evaluation. 31 out of the 92 applications from ComSoc have been elevated to IEEE Fellow degree.

12. Publications

Christos presents best readings opportunity. Volunteers are sought to organize a best readings special issue which spans CSIM interests, particularly in the areas of SDN, NFV and Measurements. Christos also presents the most recent special issue on IoT in IEEE Communications Magazine, in which he was a guest editor. The special issue received 103 submissions, which is the highest number ever in a special issue in IEEE Communications Magazine so far.

13. Member Support and Evolution

DL applicants are Albert Bancs and Nelson Fonseca. Two new applications have been supported. Commitment for support by CSIM is presented by Christos.

CSIM can nominate senior/fellow applicants.

Volunteers for editorial boards are needed.

14. Sponsored Events

The activity of Technical Endorsement process is presented by Nizar. Nizar evaluates conferences/workshops requesting technical endorsement and keep track of the Committee members in the TPCs. All endorsements proposed by the ad-hoc commission are subject to the approval of the Committee Chair.

The Committee endorsed 16 events in 2016 and is currently considering new applications for possible endorsement in 2017.

CSIM will also continue to sponsor the CQRM symposium in ICC and Globecom conferences. Furthermore, CAMAD will remain as the flagship event of the committee in the following years too. Christos presents the statistics for CQRM symposia in the last two events, as well as the statistics for CAMAD 2016. Christos presents CQRM statistics since 2010. For the next conferences, we need more new strategies to attract more submissions.

CAMAD 2017 will be organized in Lund, Sweden. Christos presents CAMAD 2017 Organization Committee and remarks.

Christos informs the Committee about the events sponsored by CSIM, for the forthcoming ICC and Globecom conferences, and the TPC co-chair nominees by CSIM. The committee will work hard on

increasing the number of submissions by keeping the topics up to date in the cfps, advertising the cfps in social media, advertising the CFP to the authors of the previous symposiums, advertising the CFP to the authors of previous CAMADs, using regional mailing lists and incentivizing new TPC members in CQRM.

15. Next CSIM-TC Meeting

The next TC meeting will take place during ICC 2017 in Paris, France.

16. Other Business/Adjournment

The meeting is adjourned at 19.00.