

Minutes of the TCIIN TC meeting

Held in conjunction with IEEE Globecom 2021

Time: November 19 2021, 11:00 AM - 12:30 PM (EST)

Location: Online

TCIIN TC Officers:

Chair: Prof. Periklis Chatzimisios

Vice Chair: Prof. Nadjib Aitsaadi

Secretary: Selma Boumerdassi

Number of Attendees: 56

1. Welcome and Introduction

Prof. Periklis Chatzimisios welcomed the attendees and opened the TCIIN meeting. A total of 56 attendees were present at the meeting.

2. Approval of the agenda

The agenda of the meeting was presented by Prof. Periklis Chatzimisios and approved by all the participants.

3. Participation in the TCIIN meeting

The attendees were reminded to add their name, surname, affiliation and email address to the chat window to register attendance. Prof. Periklis Chatzimisios insisted on the fact that this action is important for the TC to track active members.

4. Charter and Focus of TC IIN

Prof. Periklis Chatzimisios then reminded the charter of the TC :

“Working in concert with other ComSoc Technical Committees, the objective of IIN is to facilitate the cohesive advancement of information infrastructures and supportive technologies to enable global networking to **guarantee distribution and accessibility of any kind of data** in any format, to anywhere, at anytime, on any media, and with any access tool. Social responsibility, including **green operations** and the narrowing of the **‘digital divide’** are key precepts of the TC”

<https://iin.committees.comsoc.org/charter/>

Prof. Periklis Chatzimisios presented the main focus of TC IIN :

- Advancing humanity through technology by utilization of supportive technologies to enable global networking
- Narrowing of the “Digital Divide”
- Enabling ICT and infrastructure for development (focusing on underserved areas)

5. Organization of TC IIN

Prof. Periklis Chatzimisios presented the organization of the TC: the Chairs and the Secretary, the meetings that occur twice a year, at ICC and Globecom, and how to become a member and an active member.

6. Review / Approval of minutes of ICC 2021 TCIIN meeting

The minutes of the ICC 2021 TCIIN meeting were presented by Prof. Periklis Chatzimisios and approved by all the participants.

7. Conference updates

Prof. Periklis Chatzimisios presented the TC activities related to conferences.

TCIIN co-sponsored two Symposiums at ICC 2020 that was initially supposed to take place in Dublin, Ireland, and which is taking place virtually because of the health situation. The two Symposium co-Chairs proposed by TCIIN were Marios Angelopoulos for the Internet of Things Track of the Selected Area in Communications Symposium, and Prof. Nadjib Ait Saadi for the Next-Generation Networking and Internet Symposium. This last symposium received 192 papers for submission.

TCIIN co-sponsored the Next-Generation Networking and Internet symposium at Globecom 2020 that was initially supposed to take place in Taipei, Taiwan, and which is taking place virtually because of the health situation. Symposium co-Chair proposed by TCIIN was Prof. Rami Langar.

TCIIN co-sponsored two symposiums at ICC 2021 that was initially supposed to take place in Montreal, QC, Canada, and which is taking place virtually because of the health situation. Prof. Yacine Ghamri Doudane co-chaired the Internet of Things Track of the Selected Area in Communications Symposium, and Prof. Periklis Chatzimisios co-chaired the Next-Generation Networking and Internet symposium. The Internet of Things Track of the Selected Area in Communications Symposium received 174 papers among which 72 were accepted, and the Next-Generation Networking and Internet symposium received 152 papers among which 63 were accepted.

TC IIN has nominated two members for co-chairing symposiums at Globecom 2021 held in Madrid, Spain: Georgios Papadopoulos to co-chair the IoT Track of the Selected Area in Communications Symposium, and Ilhem Fajjari to co-chair the Next-Generation Networking and Internet symposium.

TC IIN Apart from the ones mentioned above, next IEEE ComSoc flagship conferences are ICC 2022 (Seoul, South Korea), Globecom 2022 (Rio de Janeiro, Brazil), and ICC 2023 (Roma, Italy).

Prof. Periklis Chatzimisios presented GIIS, the TCIIN flagship conference, to be held in Thessaloniki, Greece on August 24-26 2022.

Prof. Periklis Chatzimisios presented the conferences and workshops endorsed by TCIIN for the past years, including the IEEE 5G Summits and the i-YES (Young Engineers and Scientists) Education & Training Program. The next IEEE 5G and IoT Summit are scheduled on Dec. 15, 2021 and on Feb. 15, 2022 and are jointly organized by five IEEE Communication Chapters.

8. Journal updates

TCIIN is involved in Journal/magazine publications/books:

- Book on «Management of Data Center Networks», IEEE Press Book Series on Network and Service Management (Book Editor: Nadjib Aitsaadi)
- IEEE Vehicular Technology Magazine Special Issue on AI-Driven Cyber Security Threats to Future Networks, Deadline: Nov. 19th 2019 (Guest Editors: Sidi-Mohammed Senouci, ...)
- IEEE Network Magazine, Special Issue: Cyber Security based on Artificial Intelligence for Cyber-Physical Systems – May 2020
- IEEE Communications Standards Magazine, publishing issues every four months (<http://www.comsoc.org/comstandardsmag>).

9. Report on standards

Prof. Periklis Chatzimisios reported his activities related to standards:

- **IEEE Conference on Standards for Communications and Networking (CSCN)**, December 15-17, 2021 (virtual) Thessaloniki, Greece <http://cscn2021.ieee-cscn.org/>
- Free training on “Standards Working Group Chair Fundamentals” by IEEE Standards Association <https://standards.ieee.org/about/training/index.html>
- IEEE Communications Standards Magazine <http://www.comsoc.org/comstandardsmag>

10. IEEE ComSoc Student Competition

Prof. Periklis Chatzimisios presented the IEEE ComSoc Student competition for which the deadline for submitting projects is August 15, 2021.

11. Special Interest Groups (SIGs)

TCIIN created SIGs on the following areas:

Emerging Topics in Communications and Networking (ETCN) Chair: Tarek BEJAOUI (Univ. Carthage)
Cloud for Telco: Chair Dr. Ilhem FAJJARI (Orange Labs, France)

Prof. Tarek Bejaoui reported the activities of the Emerging Topics in Communications and Networking (ETCN) SIG, and Dr Ilhem Fajjari reported the activities of the on Cloud for Telco.

Prof. Periklis Chatzimisios presented the newly created SIGs:

- Solutions for the Digital Divide - Potential Leader: Aggeliki Sgora (Ionian University, Greece)
- Quantum Internet - Potential Leader: Apostolos Xenakis (University of Thessaly, Greece)

Then, Prof. Periklis Chatzimisios reminded that new SIGs are welcome and presented a list of SIGs that would be of interest for the TC and called for volunteers to lead them:

- IoT and Smart Cities.

- Communications for Public Safety

Members interested in leading a SIGs are invited to contact the TC Chairs.

12. Elections for TCIIN Secretary

Prof. Periklis Chatzimisios described the process of electing the new secretary. He also introduced the election committee. The members of this committee are:

- Rami Langar
- Pascal Lorenz
- Sidi Mohammed Senouci
- Yacine Ghamri-Doudane

13. Web site & mailing list

Prof. Periklis Chatzimisios presented the state of the TC website: <http://iin.committees.comsoc.org/> .

Prof. Periklis Chatzimisios presented the new mailing list of the TC: tcin@comsoc.org . Only members can post messages and a confirmation is required for each post. Currently, the list includes 809 members, ie. 14 new members joined the list since ICC 2021.

14. Any other business

Prof. Periklis Chatzimisios asked for any other topics to be discussed.
No new topics are proposed by the attendance.

15. Next TCIIN Meeting

The next TCIIN meeting will take place during the next ICC to be held in Seoul, Korea.

16. Keynote Speeches:

The meeting ended with 2 keynote speeches on hot topics:

- Dr. Melike Erol-Kantarci, University of Ottawa, Canada
Canada Research Chair in AI-enabled Next-Generation Wireless Networks
Title: "O-RAN: What a Great Playground for AI!"
- Dr. Sharief Oteafy, DePaul University, USA
Secretary of the IEEE Tactile Internet standards Working Group (IEEE P1918.1)
Title: "Architecting the Tactile Internet"

17. Meeting adjourn

Prof. Periklis Chatzimisios adjourned the meeting.

-A- List of attendees

Ait Saadi	Nadjib
Assaggaf	Ahmed
Bejaoui	Tarek
Boumerdassi	Selma
Chatzimisios	Periklis
Cumino	Pedro Luiz
Dev	Kapal
Erol-Kantarci	Melike
Farkhari	Hamed
Ghamri-Doudane	Yacine
Hasna	Mazen
Ioannou	Nikos
Iraqi	Youssef
Joanidhi	Dean
Kalogeras	Dimitris
Khan	Bahram
Khoukhi	Lyes
Konstantinos	Doukas
Kooshki	Farinaz
Kostelidis	Iordanis
Kostelidis	Lordanis
Kotzambougiouki	Eleni
Lahlou	Laaziz
Lekidis	Alexios
Leyva	Leonardo
Liatifis	Thanasis
Loureiro	Antonio
Maudoux	Christophe
Mchangama	Aboubacar
Medda	Daniele
Michaelides	Costas
Militineos	Leuteris
Misra	Sudip
Moraitis	Nektarios
Morales	Manuel Jose Lopez
Mytilineos	Lefteris

Oteafy
Praggono
Prasad
Refaey Hussein
Renault
Santos
Seitanidis
Senouci
Sgora
Shafique Ansari
Sikora
Sikora
Stampoulis
Touihri
Turgut
Viana
Xenakis
Xitiris
Yellas
Zeadally

Sharief
Bernardi
Venkatesha
Ahmed
Eric Renault
Aldri
Ilias-Nektarios
Sidi Mohammed
Aggeliki
Imran Shafique
Before
Cyn
Petros
Roua
Damla
Joseanne
Apostolis
Christos
Nour El Houda
Sherali