

Meeting Minutes

Technical Committee on Smart Grid Communications (TC-SGC)

Location: After IEEE ICC 2021, Virtual Conference

Time: 18:00-19:30 (CET), Thursday, July 22, 2021

List of Attendees:

Family Name	First Name	Organisation
Chen	Binbin	Singapore University of Technology and Design
Chitty Ray	Lori Ann	IEEE
Korzhun	Vitali	Alpen-Adria University, Austria
Jonckheere	Edmond	University of Southern California, USA
Lampe	Lutz	University of British Columbia, Canada
Lehnert	Ralf	Technische Universität Dresden, Germany
Letizia	Nunzio	University of Klagenfurt
Marcuzzi	Francesco	Alpen-Adria University, Austria
Mohsenian-Rad	Hamed	University of California, Riverside, USA
Prasad	Gautham	University of British Columbia, Canada
Reinhardt	Andreas	TU Clausthal, Germany
Schwefel	Hans-Peter	Aalborg University, Denmark
Tonello	Andrea	Alpen-Adria University, Austria
Torres	Melissa	IEEE
Turgut	Damla	University of Central Florida
Vokubratovic	Dejan	University of Novi Sad
Wietfeld	Christian	TU Dortmund University, Germany

Agenda

- Call to order
- Approval of the agenda
- Approval of previous meeting minutes
- Reports on nominations, conferences and journals
- Report on SIGs activities
- Report on update of P&Ps
- Policy for the use of the TC mailing list
- Any other business
- Adjourn

The meeting was called to order by TC-SGC Chair Andrea Tonello at 18:05 CET.

During the meeting, the chair presented a **set of slides**, which is part of the meeting minutes.

- (1) The chair introduced the **agenda**, which was agreed upon. Also, the minutes of the last meeting were agreed upon. The **membership has increased** by 13 % since Dec 2019 (see slide 6). All participants of the meeting are encouraged to enroll to the mailing list to become a member.

- (2) The chair reported on **nominations for symposia chair positions** at upcoming conferences and other positions within IEEE ComSoc. Calls for Nominations are announced regularly via the TC-SGC mailing list.

The most recent nominations are:

- IEEE ICC 2021 SGC Track: György Dán, KTH
 - 18 submitted papers, 7 accepted
- IEEE Globecom 2021 SGC Track: Ruilong Deng, Zhejiang University
 - Submitted papers 17, under review
- IEEE SmartGridComm 2021: Antonello Monti, Univ. of Aachen
 - Submitted papers 105, under review
- IEEE ICC 2022 SGC Track : Christian Wietfeld, TU Dortmund
 - Submission deadline: October 11, 2021
- IEEE Globecom 2022 SGC Track : Chris Develder, Ghent Univ.
- IEEE ICC 2023 SGC Track : Dejan Vukobratovic, Univ. of Novi Sad (TBC)

The **SmartGridComm 2021** (18-21 October 2021) will be organized in Aachen, Germany, by Antonello Monti and Ferdinanda Ponci. To reduce budgetary risks, the conference location was changed to the university (compared to an originally planned external location). The conference will be hybrid. 105 papers have been submitted and are currently being reviewed.

Five Tutorials as well as three industry workshops are planned. Hans-Peter Schwefel would be interested to receive some more information about these workshops. Updates on the program can be requested here: <https://sgc2021.ieee-smartgridcomm.org/program>

The following special issues have been recently planned by members of the committee:

- **IEEE Transactions on Green Communications and Networking – SI on Collaborative Intelligence for Green Internet of Things in the 6G Era**
 - Guest Editors: Celimuge Wu, Kok-Lim Alvin Yau, Zonghua Zhang, Damla Turgut, Shiwen Mao
 - Submission deadline: 10 December 2021
- **MDPI Energies - SI on Power Line Communication (PLC) Evolution: New Challenges and Innovative Solutions**
 - Guest Editors: Alberto Sendin, Andrea Tonello
 - Submission deadline: 31 July 2021
- **IEEE Network Magazine, SI on AI and 6G Convergence: an Energy-efficiency Perspective**
 - Guest Editors: Y. Zhang, M. Erol-Kantarci, W. Sun, Y. Dai, J. Hoydis, M. C. Gursoy,
 - Submission deadline: 15 April 2021
- **IEEE Transactions on Green Communications and Networking - SI on**

Communications and Computing for Green Industrial IoT and Smart Grids

- Guest Editors: Melike Erol-Kantarci, George C. Alexandropoulos, Peter Han Joo Chong, Andrea Tonello, Yan Zhang
- Submission deadline: 1 March 2021
- **Frontiers in Communications and Networks**, has a section on **Smart Grid Comms** with specialty chief editor Editor Melike Erol- Kantarci

(3) The chair reported on the **SIGs of the TC** (see slides 11-14):

1. SIG Communications and Networks to Enable the Smart Grid

- A special session on Smart Grid will be organized @ BalkanComm 2021

2. SIG Cyber Security and Privacy for the Smart Grid

3. SIG Energy Storage and Electric Vehicles

4. SIG AI and Computational Intelligence

- Damla Turgut reported on the numerous activities of the SIG (see slide 14).
- The chair congratulated Damla Turgut to be awarded to be distinguished lecturer.

(4) The **TC awards** will be selected by a committee which needs to comprise at least four members (as a consequence of the discussions regarding the updated P&Ps, see below).

(5) The **P&Ps** have been updated by Marco Levorato to reflect on-going progress on ComSoc resp. IEEE level. After some discussion of pros and cons, the meeting supported the following motions:

- a. The **number of members for the awards selection committee** was set to four.
- b. The **approval of the updated P&Ps** will be made by the voting members in the upcoming weeks.

(6) A **policy for the use of the TC mailing list** was proposed by the chair and agreed upon by the meeting (see slide 20). With regards to the promotion of open positions, it was decided by the meeting to limit the announcement of senior positions.

(7) **Any other business:**

- a. Binbin Chen provided an update on the preparation of **SmartGridComm 2022**.
- b. The chair announced to work on **ideas to foster more technical discussion inside TC**. These considerations also include ideas on how to see more activities of some of the SIGs.
- c. There was a short discussion if the research topics discussed in the TC are sufficiently appreciated by **IEEE Transactions on Smart Grid**. This discussion shall be continued.

(8) Upcoming meetings: The **next meeting** is will take place as virtual meeting in the context of the **SmartGridComm 2021 (End of October 2021)**.

The meeting was adjourned at 19:40 CET.

(Minutes by Christian Wietfeld, Vice Chair)