Minutes of IEEE ComSoc Smart Grid Communications ETC meeting during IEEE ICC'16

Document prepared by George Michailidis

The meeting started on May 24, 2016 at 8:08 am Kuala Lumpur time.
Location: Room Citrine, Mandarin Hotel

Attendees:
Vincent Wong, University of British Columbia
Petar Popovski, Aalborg University
Hai Lin, Osaka Prefecture University
Jie Li, University of Tsukuba
Alessio Meloni, University of Cagliari
George Michailidis, University of Michigan (dial-in)
Hamed Mohsenian-Rad, University of California Riverside (dial-in)

(1) ETC Subcommitte Chair Wong started the meeting by presenting the activities
of the ETC (slides 2-10 from the slide deck sent to the members in advance).

Wong emphasized the JSAC Special issue and plans for future special issues.

(2) Hamed Mohsenian-Rad presented synergistic and collaborative activities
between the ETC and IEEE Power and Energy Society (PES) (slides 16-20 from
the slide deck)

He mentioned that for Panel Session 1 (slides 17-18) 50% of the presenters
come from industry and 50% from academia.

He also discussed the goals of the second Panel Session organized at the upcoming
PES meeting on big data technologies (slides 19-20).

There was positive reception about these synergistic activities.

Chair Wong inquired about the status of the new committee on Cyber-security
joint committee from IEEE PES and IEEE ComSoc.

(3) Chair Wong provided an update prepared by Angela Zhang on activities of the
IEEE SmartGrid Committee (slides 11-15 from the slide deack).

(4) Chair Wong discussed an update provided by Stefano Galli with emphasis on Section 4.3.5
of the white paper on Survey Structure of IEEE Smart Grid Emerging Technologies under
preparation.

During the ensuing discussion the following topics were proposed for further consideration and
inclusion in the white paper:

- Narrowband Internet of Things (IoT);
- Ultra-reliable and low latency communications (URLLC);
- Massive machine-type communications (mMTC);
- Software-defined networking (SDN);
- Cloud computing;
- Fog computing or edge computing.

The following colleagues expressed interest to help editing Section 4.3.5 of the white paper.

- Petar Popovski, Aalborg University
- Hamed Mohsenian-Rad, University of California Riverside
- Hai Lin, Osaka Prefecture University
- Jie Li, University of Tsukuba
- Alessio Meloni, University of Cagliari

Chair Wong will forward the list of these volunteers to Galli.

(5) The next item on the agenda presented by Chair Wong focused on other activities (slide 27).

Petar Popovski mentioned that he has put together a proposal for IEEE SmartGridComm 2018 to take place in Denmark. He believes that it will be eventually approved.

Note that IEEE SmartGridComm 2017 will take place in Dresden, Germany.

(6) Hamed Mohsenian-Rad the Editor of the IEEE Transactions on SmartGrid provided an update of journal activities.

There was discussion about a special issue related to communications.

There was also discussion regarding panels on Big Data for the SmartGrid and the potential for a special issue.

(7) Chair Wong discussed the goal of the ETC to become a full TC. He will provide an update after attending the corresponding IEEE ComSoc meeting.

(8) In the discussion that followed Petar Popovski mentioned an upcoming special issue of the IEEE Wireless Communications Magazine with special editors himself and Wong. The current submission deadline is June 5, 2016.

The next ETC meeting will be at the IEEE SMartGridComm in Australia.

The meeting was adjourned at 8:42 am local time.