

Report on the ITC standards activities for 2012

[Report submitted by the IEEE ComSoc Standards board ITC representative, [Periklis Chatzimisios](#) (ATEITHE, Greece)]

o Meeting of the IEEE Communications Society Standards Development Board (COM/SDB)

The meeting was held during Globecom 2012, in Anaheim, USA (December 2012). There was an update about IEEE P1907.1 Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications Working Group (WG). This Standard defines an End-to-End Quality of Experience (E2E QoE) Management Scheme for real-time video communication systems, including those operating in resource varying environments. The scheme utilizes correlation of both subjective and objective E2E QoE with received real-time video data (stream header and/or video signal), application-level Quality of Service (QoS) measurements, and network-level QoS measurements.

During the meeting, the following decisions were made:

- New Standards Committee (NesCom) approved the modified Project Authorization Request (PAR) of P1907.1
- Prof. Jaime Lloret Mauri was appointed as Chair of the P1907.1 WG.

The IEEE Communications Society Standards Development Guidelines can be found in <http://www.comsoc.org/about/standards/guides>

o Interest about “Software Defined Networks (SDNs)”

There has been interest expressed to the IEEE Communications Society Standardization Program Development Board (CSPDB) for research involving Software Defined Networks. Further activity on SDNs will be considered via CSPDB (<http://committees.comsoc.org/CSPDB>) and interested parties can join the mailing list (instructions can be found in the website).

o Meeting of the IEEE P1907.1 Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications Working Group

The meeting was held during Globecom 2012, in Anaheim, USA (5th December 2012). During the meeting, the following decisions were made:

- Chair Prof. Jaime Lloret Mauri performed a presentation about the background and the goals of P1907.1 Working Group.
- The election of Vice-Chair, Secretary and Treasurer for the WG was performed:
 - Vice-Chair: Luigi Atzori, University of Cagliari (Italy)
 - Secretary: Periklis Chatzimisios, Alexander TEI of Thessaloniki (Greece)
 - Treasurer: Joel Rodrigues, University of Beira Interior (Portugal)

Other standardization activities, where ITC members are involved, are the following:

- 2nd IEEE Workshop on Telecommunications Standards "**From Research to Standards**", collocated with IEEE ICC 2013, June 9-13, 2013, Budapest, Hungary. Dr. Periklis Chatzimisios (Alexander TEI of Thessaloniki, Greece) is serving as Publicity co-Chair.
- Guest Editorship of Special Issue entitled "**Research Advances and Standardization Activities in WLANs**", in Elsevier Computer Communications journal (2012).
- Organization of Special Session entitled "**New Trends for Next Generation WLANs: (Research that Goes) One Step Beyond Standards**", in conjunction with the 2nd Baltic Congress on Future Internet Communications (BCFIC 2012), 25-27 April, 2012, Vilnius, Lithuania.