IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications Teleconference Meeting Minutes | | | | |
| Date: 2018-08-28 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the meeting minutes for the 2018-08-28 TGbb teleconference.

**Chair: Nikola Serafimovski (pureLiFi)**

**1st Vice-Chair: Oliver Pengfei Luo (Huawei)**

**2nd Vice-Chair: Tuncer Baykas (IMU)**

**Secretary: Ryan G. Mennecke (JHU-APL)**

Meeting Recording Secretary: Volker Jungnickel (HHI)

**Participants** (as recorded from joinme-list is incomplete)

Oliver Pengfei Luo (Huawei)

Chong Han (pureLiFi)

Jerome Arrokiam (OSRAM)

Eike Friedrichs (OSRAM)

Gaurav Patwardhan (HPE)

Ihtisham Khalid (Article 19)

Volker Jungnickel (HHI)

Kai Lennert Bober (HHI)

1. Due to the technical problem, vice chair (Oliver Pengfei Luo) called the meeting to order at 9:15 AM EST.
2. Vice chair went through IEEE patent policy and other guidelines

* Call for potentially essential patents: no response from participants.

1. Approval of Agenda
   * See agenda document <https://mentor.ieee.org/802.11/dcn/18/11-18-1449-00-00bb-28-aug-2018-conference-call-agenda.ppt>
   * The agenda (r0) is approved by unanimous consent.
2. Discussion on two simulation scenario documents.

* Vice chair introduced doc. 11-18/1422/r0 on Simulation Scenarios
* Definition of simulation scenarios w.r.t. topology, traffic model, list of PHY, MAC, management parameters
* Proposed is to adopt a common description of the scenarios in doc. 11-18/1423/r0
* Scenario should capture key characteristics of the usage model
* Proposal is to leverage work in 802.11bb in doc. 11-18/1109/r5
* Proposed set of simulation scenarios
  + Industrial wireless: high and low ceiling scenarios
  + Hospital: Indoor office channel model
  + Enterprise: Indoor office channel model
  + Residential: Indoor home channel model
* Simulation scenario should use existing channel models only
* Other opinion is to make both documents (i.e., simulation scenario and channel models) independent of each other
* Second option is agreed
* Vice chair introduced doc. 11-18/1423/r0
* Scenarios document is add-on to evaluation methodology document
* Document contains detailed description of scenarios, including channel model used
* Ask Tuncer/Murat to provide model for low ceiling height
* Industrial wireless should be changed so that robot is one MIMO-enabled STA with 6 LEDs/PDs and environment is one AP with 8 LEDs/PDs
* Group members should review the documents and provide comments to the email reflector.

1. Meeting recessed until the Hawaii meeting.