IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wireless Next Generation (WNG) Standing Committee Meeting Minutes for March-2019 Meeting Vancouver, Canada | | | | |
| Date: 03-12-2019 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Lei Wang | Huawei | 10180 Telesis Ct #220, San Diego, CA 92121 | +1-858-205-7286 | Leiwang95@huawei.com |
| Jim Lansford | Qualcomm | 7775 N Topeka Ave  Cascade, CO 80809 | +1-719-286-8660 | Jim.lansford@ieee.org |

Abstract

Meeting Minutes for the WNG SC meeting held in Vancouver, Canada, in March 2019.

**WNG Session: March 12th, 2019, 8:00 AM to 10:00 AM Vancouver Time**

Chair: Jim Lansford (Qualcomm)

Vice Chair & Secretary: Lei Wang (Huawei)

**Meeting Agenda:**

The meeting agenda is shown below, and also published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/19/11-19-0231-00-0wng-agenda-for-wng-sc-2019-march.ppt>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Announcements
* Approval of Previous meeting minutes
  + Minutes from January WNG Meeting
    - <https://mentor.ieee.org/802.11/dcn/19/11-19-0141-00-0wng-wng-sc-meeting-minutes-for-2019-january-st-louis-meeting.docx>
* Presentations
  + Tuesday 12 March 2019, 08:00 – 10:00
* Plans for May 2019
* Adjournment

**Meeting Minutes:**

* Chair called the meeting to order at 8:00am Vancouver time on Tuesday, March 12th, 2019.
* Agenda approval:

<https://mentor.ieee.org/802.11/dcn/19/11-19-0231-00-0wng-agenda-for-wng-sc-2019-march.ppt>

* The agenda was approved by unanimous consent
* Chair also noted the affiliation FAQ, anti-trust FAQ, ethics code, IEEE 802.11 policies and procedures, and IEEE 802 policies and procedures
* Chair covered the voting rules for WNG SC, being a standing committee
* Approval of previous meeting minutes
  + Minutes from 2019-January WNG Meeting

<https://mentor.ieee.org/802.11/dcn/19/11-19-0141-00-0wng-wng-sc-meeting-minutes-for-2019-january-st-louis-meeting.docx>

* + The minutes were approved by unanimous consent.
* Approximately 150 people attended the WNG Session.
* Presentation #1: "ns-3: Open Source Simulator for Wireless Network Performance Evaluation” - Sumit Roy (University of Washington)

<https://mentor.ieee.org/802.11/dcn/19/11-19-0425-01-0wng-ns-3-open-source-simulator-for-wireless-network-performance-evaluation.pptx>

* + Summary of Discussion
    - Clarified that there is no current plan to support TSN.
    - Clarified that it used a new module for LTE and Wi-Fi co-existence simulations, not use the core LTE module.
    - Provided more details on MIMO simulations, including: used PHY abstraction, even without MIMO, lots of PHY details are not simulated, but simulated some PHY items, e.g., precoding; do PHY simulation through link systems, get PER etc.
    - Commented on using ns3 to simulate PHY, much more difficult to do link adaptation, so it currently uses fixed rate, no link adaptation.
    - Discussed the usefulness of such simulations: it is a valid learning tool, need to be extremely careful about what to claim from the simulations.
    - Commented that the FTP traffic validation does not reflect the real world traffic; we should take a good use what have been leant, e.g., TCP/UDP packet split; for the previous LAA/Wi-Fi Co-ex simulations, now with systems come to the real markets, we may want to see the validation with previous simulation.
    - 802.11 Working Group Chair, Dorothy, gave a thanks speech to Prof. Roy for this presentation.
* Plan for 2019-May meeting:
  + Call for contributions: the WNG chair will issue a call for contributions before the 2019-May meeting.
* Any other business: none
* Adjourned at 9:29am Vancouver Time