IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Wireless Next Generation (WNG) Standing Committee Meeting Minutes for March-2023 Atlanta Hybrid Meeting | | | | |
| Date: March 14, 2023 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Lei Wang | Futurewei / Huawei | 2220 Central Expressway, Santa Clara, CA 95050, USA | +1-858-205-7286 | Lei.wang1@futurewei.com |
| Jim Lansford | Qualcomm | 7775 N Topeka Ave  Cascade, CO 80809, USA | +1-719-286-8660 | Jim.lansford@ieee.org |

Abstract

Meeting Minutes for the WNG SC meeting held in mixed-mode with in-person meeting in Atlanta, Georgia, USA, and with electronic meeting access, on March 14th, 2023.

**WNG Meeting: March 14th, 2023, 8:00am to 10:00am US Eastern Time**

Chair: Jim Lansford (Qualcomm)

Vice Chair & Secretary: Lei Wang (Futurewei / Huawei)

**Meeting Agenda:**

The meeting agenda for WNG 2023-March meeting is shown below, and also published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/23/11-23-0164-00-0wng-agenda-for-wng-sc-2023-march.pptx>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Announcements
* Approval of Previous meeting minutes
  + Minutes from January 2023 WNG Meeting
* Presentations
  + Tuesday 14 March 2023, 0800-1000 US Eastern Time
* Plans for May 2023
* Adjourn

In addition, the detailed agenda with the presentation information is included in the agenda file, and also as shown below:

* Announcements
* Approval of Previous meeting minutes
  + Minutes from January:

<https://mentor.ieee.org/802.11/dcn/23/11-23-0098-00-0wng-wng-meeting-minutes-2023-jan-baltimore-meeting.docx>

* Presentations
  + “AMP Devices in WLAN,” Yinan Qi (OPPO)
* Plans for May 2023
  + Chair will make a call for presentations in advance.
* Adjourn

**Meeting Minutes:**

* Chair called the meeting to order at 8:05am Atlanta time on Tuesday, March 14th, 2023, and showed the group the agenda file. (Note that there was a little bit delay to start the meeting, due to a projector issue in the meeting room.)
* Chair reminded the group to record the attendance of this meeting by using the IEEE Attendance Tool.
* Agenda approval:

<https://mentor.ieee.org/802.11/dcn/23/11-23-0164-00-0wng-agenda-for-wng-sc-2023-march.pptx>

* 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 for January WNG meeting.
  + Minutes from 2023-January WNG Meeting

<https://mentor.ieee.org/802.11/dcn/23/11-23-0098-00-0wng-wng-meeting-minutes-2023-jan-baltimore-meeting.docx>

* + The 2023-January WNG SC meeting minutes was approved by unanimous consent.
* Attendance:
  + In the meeting room: ~ 90
  + Webex attendance: 131
  + IMAT attendance: 166
* Presentation #1: “AMP Devices in WLAN,” Yinan Qi (OPPO)

<https://mentor.ieee.org/802.11/dcn/23/11-23-0388-01-0wng-amp-devices-in-wlan.pdf>

* + Summary of Discussion
    - Clarified that “simplified 802.11ah MAC” on slide 5 meant an example of reusing the existing 802.11 design as much as possible, considering to simplify 11ah MAC as a starting point. AMP design may touch both MAC and PHY. However, no details have been proposed at this point. Would leave it for further discussions in the SG.
    - Considering backscattering is directional, discussed how it can support positioning in public places; it would depend on multiple transmitters providing multiple signals.
    - Further discussed and clarified that 11ah and other 802.11 existing alternatives will be considered for reuse, in addition, simplification and optimization in MAC and PHY will be further discussed and studied in the SG.
    - Also clarified how to support different devices in high density areas will be discussed in the SG.
    - The group is also informed that there will be a report from AMP TIG in Wednesday midweek plenary, and there will be a motion to form a SG for this topic in the closing plenary on this Friday.

* Plans for May 2023:
  + Call for contributions: WNG chair will issue a call for contributions before 802.11 2023-May meeting.
* Any other business: none.
* Adjourned at 8:55am Atlanta Time.