IEEE P802.11
Wireless LANs

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| Wireless Next Generation (WNG) Standing CommitteeMeeting Minutes for May-2024 Warsaw Hybrid Meeting |
| Date: May 14, 2024 |
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Abstract

Meeting Minutes for the WNG SC meeting held in mixed-mode with in-person meeting in Warsaw, Poland, and with electronic meeting access, on May 14th, 2024.

**WNG Meeting: May 14th, 2024, 8:00am to 10:00am Warsaw Time**

Chair: Jim Lansford (FaraFir Consulting)

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

**Meeting Agenda:**

The meeting agenda for WNG 2024-May meeting is shown below, and also published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/24/11-24-0644-01-0wng-agenda-for-wng-sc-2024-may.pptx>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Announcements
* Approval of Previous meeting minutes
	+ Minutes from March 2024 WNG Meeting
* Confirmation of Vice-chair and Secretary
* Presentations
	+ Tuesday 14 May, 0800-1000 Central European Summer Time
* Plans for July 2024
* 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 March:

<https://mentor.ieee.org/802.11/dcn/24/11-24-0581-00-0wng-wng-meeting-minutes-2024-march-denver-meeting.docx>

* Confirmation of Vice-Chair and Secretary
	+ Call for nominations
	+ Motion to confirm
		- Motion: \* Second:
* Presentations
	+ “Towards Reducing Handoff Times in Next Generation Wireless Networks,” Sohaib Manzoor (Mirpur University of Science and Technology, Pakistan)
	+ “Quo vadis, LC in 802.11?,” Volker Jungnickel (Fraunhofer Heinrich Hertz Institute HHI)
	+ “Follow-up of the data offload using WLAN in connected vehicle case,” Jing Ma (Toyota)
* Plans for July 2024
	+ Chair will make a call for presentations in advance
* Adjourn

**Meeting Minutes:**

* Chair called the meeting to order at 8:02am Warsaw time on Tuesday, May 14th, 2024, and showed the group the agenda file.
* 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/24/11-24-0644-01-0wng-agenda-for-wng-sc-2024-may.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 September WNG meeting.
	+ Minutes from 2024-March WNG Meeting

<https://mentor.ieee.org/802.11/dcn/24/11-24-0581-00-0wng-wng-meeting-minutes-2024-march-denver-meeting.docx>

* + The 2024-March WNG SC meeting minutes was approved by unanimous consent.
* Confirmation of Vice-Chair and Secretary
	+ Chair informed that every other year, in May meetings, 802.11 WG has its subgroup leadership appointment / election for its TGs, SCs, etc. For WNG SC, we have a Call- for-nomination for the SC Vice Chair.
	+ Chair also informed that the current Vice Chair, Lei Wang, has indicated that she would like to continue serving as Vice Chair and Secretary.
	+ Chair asked if there are any other candidates. No response in the room or on the Webex meeting.
	+ Motion to confirm:
		- Motion text: The Wireless Next Generation Standing Committee confirms Lei Wang as Vice-Chair and Secretary.
		- Move: Stephen McCann Second: Juan Carlos Zuniga
		- Motion passes unanimously.
* Attendance:
	+ In the meeting room: ~ 130
	+ Webex attendance: 233
* Presentation #1: “Towards Reducing Handoff Times in Next Generation Wireless Networks,” Sohaib Manzoor (Mirpur University of Science and Technology, Pakistan)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0781-00-0wng-towards-reducing-handoff-times-in-next-generation-wi-fi-networks.pptx>

* + Sohaib presented the contribution remotely via Webex.
	+ Summary of Discussion
		- * none.
* Presentation #2: “Quo vadis, LC in 802.11?,” Volker Jungnickel (Fraunhofer Heinrich Hertz Institute HHI)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0894-01-0wng-quo-vadis-lc-in-802-11.pptx>

* + Volker presented this contribution in-person.
	+ Summary of Discussion
		- * Commented that Study Group (SG) seems a proper next step for this topic, comparing to TIG (Topic Interest Group). Also, discussed on the length of SG, 6 months seem good.
			* Clarified that the listed features in the contribution are just some examples, will be open for further discussions.
			* Questioned why need to start another project on this topic considering 802.11bb was just completed and the market has not yet kicked off. The answers are mainly about seeing market interests, also seeing a need to continue the standard development, e.g., adding support to Wi-Fi 7, improving the interface, etc.
	+ Straw Poll
		- * Straw Poll Text: ***Do you support the creation of an Integrated Light Communication (ILC) study group that will be tasked with the creation of a PAR and CSD for a standards project to specify operation of 802.11 in optical bands between 800 nm and 1550 nm and, simplify the integration with LC optical frontends?***
			* Discussion on Straw Poll Text
				+ Questioned the word “Integrated”, and the answer was that it was learnt from “Integrated MilliMeter Wave (IMMW)”
			* Straw Poll result: 73 Yes / 37 No / 68 Abstain
* Presentation #3: “Follow-up of the data offload using WLAN in connected vehicle case,” Jing Ma (Toyota)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0793-01-0wng-follow-up-of-data-offload-using-wlan-in-connected-vehicle-case.pptx>

* + Jing presented this contribution in-person.
	+ Summary of Discussion
		- * Questioned and discussed about the usage scenarios and the existing potential solutions in 11ai, 11p, 11u, 11bd, 11be, etc., and clarified that big volume of data is one of the main differences between the current discussed use cases and the previous designs.
			* Clarified that the retransmission issue pointed out on slide 8 for 11ai was based on a reference paper; and will have further discussion on a previous 802.11 contribution about measurement done in Japan.
			* Discussed some feature proposals in 11bn may help to address some of the identified issues, e.g., roaming, non-collocated multi-AP, etc.
			* Discussed that a more concrete gap analysis is needed, e.g., be more precise about the identified issues, PHY issue, MAC issue, upper payer issue, etc.; and agreed that such a report should be in the scope of the proposed TIG (Topic Interest Group).
			* Discussed and agreed that forming a TIG is proper next step, comparing to SG (Study Group).
			* WNG Chair also informed the group that there is an upcoming IEEE VT (Vehicular Technology) conference, where there will be a panel session on this area, welcome participants from this group.
* Plans for July 2024:
	+ Call for contributions: WNG chair will issue a call for contributions before 802.11 2024-July meeting.
* Any other business: none.
* Adjourned at 9:45am Warsaw Time.