IEEE P802.11
Wireless LANs

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| Wireless Next Generation (WNG) Standing CommitteeMeeting Minutes for July-2023 Berlin Hybrid Meeting |
| Date: July 11, 2023 |
| Author(s): |
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Abstract

Meeting Minutes for the WNG SC meeting held in mixed-mode with in-person meeting in Berlin, Germany, and with electronic meeting access, on July 11th, 2023.

**WNG Meeting: July 11th, 2023, 8:00am to 10:00am Berlin Time**

Chair: Jim Lansford (FaraFir Consulting)

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

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-0966-01-0wng-agenda-for-wng-sc-2023-july.pptx>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Announcements
* Approval of Previous meeting minutes
	+ Minutes from May 2023 WNG Meeting
* Presentations
	+ Tuesday 11 July 2023, 0800-1000 Central European Summer Time
* Plans for September 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 May:

<https://mentor.ieee.org/802.11/dcn/23/11-23-0866-00-0wng-wng-meeting-minutes-2023-may-orlando-meeting.docx>

* Presentations
	+ “Experiment Results with Wi-Fi to Li-Fi Offloading in an Office Environment,” Thomas Sandholm (Cable Labs)
	+ “Multi-BSS Network Simulation with ns-3: A Status Update,” Sumit Roy (University of Washington)
	+ “Band Management Challenges for 802.11be and Beyond,” Daniele Medda, Athanasios Iossifides and Periklis Chatzimisios (International Hellenic University)
	+ COST Action INTERACT: Intelligence-Enabling Radio Communications for Seamless Inclusive Interactions,” Periklis Chatzimisios (International Hellenic University & University of New Mexico)
	+ (time permitting) “Multi-AP coordination over Fibre,” Tony Zeng (Huawei)
* Plans for September 2023
	+ Chair will make a call for presentations in advance.
* Adjourn

**Meeting Minutes:**

* Chair called the meeting to order at 8:00am Berlin time on Tuesday, July 11th, 2023, 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/23/11-23-0966-01-0wng-agenda-for-wng-sc-2023-july.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 May WNG meeting.
	+ Minutes from 2023-May WNG Meeting

<https://mentor.ieee.org/802.11/dcn/23/11-23-0866-00-0wng-wng-meeting-minutes-2023-may-orlando-meeting.docx>

* + The 2023-May WNG SC meeting minutes was approved by unanimous consent.
* Attendance:
	+ In the meeting room: ~ 110
	+ Webex attendance: 169
* Presentation #1: “Experiment Results with Wi-Fi to Li-Fi Offloading in an Office Environment,” Thomas Sandholm (Cable Labs)

<https://mentor.ieee.org/802.11/dcn/23/11-23-1068-00-0wng-experiment-results-with-wi-fi-to-lc-offloading-in-an-office-environment.pptx>

* + Thomas Sandholm presented the contribution remotely.
	+ Summary of Discussion
		- * Questioned the number of users in the experiment scenario; clarified that the experiment is in office environment with many users in Wi-Fi networks, while there are only 4 users in the experiment space.
			* Clarified that the experiment did not use multi-path protocols, MPTCP and MPHTTP.
			* Clarified the traffic data used in the experiment was mobile data provided by Telefonica.
			* Confirmed that the LC (Light Communication) system used in the experiment was not 802.11bb compliant.
* Presentation #2: “Multi-BSS Network Simulation with ns-3: A Status Update,” Sumit Roy (University of Washington)

<https://mentor.ieee.org/802.11/dcn/23/11-23-1226-00-0wng-multi-bss-network-simulation-with-ns-3-a-status-update.pptx>

* + Sumit Roy presented this contribution remotely.
	+ A document number mismatch issue was identified. WNG leadership team promised to work with the contributor and 802.11 WG leadership team offline to fix it.

Notes: after the WNG meeting, the document number mismatch issue was corrected in <https://mentor.ieee.org/802.11/dcn/23/11-23-1158-00-0wng-multi-bss-network-simulation-with-ns-3-a-status-update.pptx>.

* + Summary of Discussion
		- * There were questions about the model used for slide 3 and also MCS setup. However, the audio quality could not support sensible conversations, so Chair suggested having offline discussions.
			* Webex Chat window messages are copy-pasted below:
			* Question: AI model, slide 10, when tested the result, which assumptions are used? Assum know power /MCS state, my question was on the assumption of having knowladge of the nodes state, RX power and MCS, to optimize the CCS threshold. This is assumed to be a genie knowladge and not accounted as overhead for now? how much overhead realistically this will add and how this will affect the results?
			* Anaswer: we used a genie MCS selection since it is the basic method suggested in a document from the TGax about running simulations. Since we tried to address the access delay, we just needed a quick and simple method to chose the MCS.
* Presentation #3: “Band Management Challenges for 802.11be and Beyond,” Daniele Medda, Athanasios Iossifides and Periklis Chatzimisios (International Hellenic University)

<https://mentor.ieee.org/802.11/dcn/23/11-23-1187-00-0wng-band-management-challenges-for-802-11be-and-beyond.pptx>

* + Daniele presented the contribution remotely.
	+ Summary of Discussion
		- * none
* Presentation #4: COST Action INTERACT: Intelligence-Enabling Radio Communications for Seamless Inclusive Interactions,” Periklis Chatzimisios (International Hellenic University & University of New Mexico)

<https://mentor.ieee.org/802.11/dcn/23/11-23-1211-00-0wng-cost-action-interact-intelligence-enabling-radio-communications-for-seamless-inclusive-interactions.pptx>

* + Periklis presented the contribution remotely.
	+ Summary of Discussion
		- * 802.11 WG Chair, Dorothy, appreciated the presenter for the contribution and the information. Will contact the presenter offline regarding the Sept presentation on 802.11 activities.
			* Questioned how to participate from Turkey.
			* Periklis provided website link [https://interactca20120.org](https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Finteractca20120.org%2F&data=05%7C01%7Clei.wang1%40futurewei.com%7Ce219357f4fea4f0aff0e08db81e9b8f1%7C0fee8ff2a3b240189c753a1d5591fedc%7C1%7C0%7C638246613061875866%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=mHspNU3JTUYklh9pgl%2BmPunlMCSq2wCBwE%2FKK65MTzU%3D&reserved=0) in the Webex Chat window.
* Presentation #5: “Multi-AP coordination over Fibre,” Tony Zeng (Huawei)
	+ Chair suggested deferring it to September WNG meeting, due to only few minutes available in this July meeting.
* Plans September 2023:
	+ Call for contributions: WNG chair will issue a call for contributions before 802.11 2023-September meeting.
* Any other business: none.
* Adjourned at 9:55am Berlin Time.