IEEE P802.11  
Wireless LANs

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| IEEE 802.11 AANI Standing Committee  Minutes, AANI SC, 2019-04-29 | | | | |
| Date: 2019-04-29 | | | | |
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**IEEE 802.11 AANI Standing Committee**

**29 April 2019, 10:00 – 11:00 ET**

1. The teleconference meeting was called to order, at 10:00by the Chair, Joseph Levy (InterDigital).
2. The Chair presented from slide set [11-19/0691r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0691-00-AANI-aani-sc-teleconference-agenda-monday-29-april-2019-10-11am-edt.pptx), which had been pre-circulated.
3. The Chair introduced himself and requested a secretary. Haifeng Huang (Nufront Associates) volunteered as secretary.
4. The Chair proposed the agenda on Slide 4. This was approved without comment at 10:10.
5. The Chair reviewed Slides 5-7.
6. The Chair reviewed the background to today's agenda, referring to Slides 8-10.
7. From 10:20 until 10:40, Jun Lei presented [11-19/0694r0](https://mentor.ieee.org/802.11/dcn/19/11-19-0694-00-AANI-preliminary-results-of-euht-evaluation-on-urban-macro-urllc-and-mmtc.pptx). The document provides t the “Preliminary Results of EUHT Evaluation on Urban Macro URLLC and mMTC”. Key discussion points included:
8. The document stated that EUHT can meet the ITU requirements on both urban macro URLLC and mMTC scenario.
9. About the evaluation work and results provided:
   1. Comment: That the document provides essential technical material can be incorporated into a proposal document, and the work looks complete.
   2. The Chair noted that the document is a big step forward towards providing the necessary technical content that would be needed for a submission to the ITU-R. But there are still multiple open items.
10. Question: Who would be providing the system description and self evaluation as a document in the ITU-R format.
11. Ans: That he (with the help of others) will put them together as required.
12. Comment: 802.11ax could meet the required performance for both dense urban eMBB and indoor hotspot. It is anticipated that some additional simulation work will be provided at the upcoming May meeting and in combination with previous work could be used to provide input to ITU-R.
13. The Chair committed to providing a summary of the previous contributions and a summary of the ITU-R submission requirements.
14. Question: What is the plan for mobility?
15. Ans: EUHT is currently providing mobility for high speed trains.
16. Question: Is that mobility expandable to the general case or does it only provide mobility along a known path?
17. Ans: It will be considered.
18. The Chair remined the group that any decisions to endorse this activity or submit a proposal to ITU-R is still not decided. The Chair also reminded the group that a 75% approval is require in the working group to approve this work.
19. Comment: It was noted that the previous 802.11ax eMBB indoor self evaluation was sent to 3GPP and they so far have declined include of the information in the 3GPP IMT-2020 proposal. In order to consider any document for submission to ITU-R, the document would have to contain all necessary material, complete simulations, complete analysis, and be in the proper format. If there is no document, there's nothing to approve or to consider approving. So, the work that's going on now is to get this technical information on the table developed.
20. The Chair noted that remaining meeting between now and the IMT-2020 submission deadline are: the next AANI teleconference scheduled for May 6 at 22:00 ET and 4 AANI sessions during the upcoming 802.11 12-17 May face-to-face meeting in Atlanta.
21. The Chair adjoined the teleconference at 11:00.

Attendees as identified verbally :

Paul Nikolich, 802 Chair, (Self)

Dorothy Stanley, 802.11 Chair, (HPE)

Joseph Levy (InterDigital)

Gorge Calcev (Huawei)

Hassan Yachoobi (Intel)

Stefano Faccin (Qualcomm)

Jun Lei (Nufront)

Li Yang (Nufont)

Shenfa Liu (Nufont)

Fei Liu (Nufont)

Haifeng Huang (Nufront)