IEEE P802.11  
Wireless LANs

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| AANI May 2018 Meeting Minutes | | | | |
| Date: 2018-05-10 | | | | |
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**Abstract**

This document contains the [draft] minutes of the IEEE 802.11 AANI SC meetings held the week of 7 May 2018 in Warsaw, Poland.

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**Administration:**

**Chair: Joseph Levy, InterDigital**

**Vice Chair and Meeting Secretary: Roger Marks, EthAirNet Associates**

# Monday 7 May 16:00

The Chair called the meeting to order at 16:00. The Chair and Vice Chair introduced themselves. The Vice Chair volunteered to serve as secretary.

The Chair presented using IEEE 802.11-18/0632 (the “slides”, presented in the revision r1, later revised several times during the week). The Chair noted rules and procedures. He reviewed his proposed agenda on Slide 4, noting the addition of Agenda Item 3, which will be incorporated in r2 of the slides. He also noted that Agenda Item 5, which involves presentation and discussion of contributions, may be deferred today due to lack of contributions, commenting that an expected contribution is not available due to the absence of contributors. He indicated that the contributors may be able to attend later in the week and is hopeful to have the contribution available for presentation on Thursday.

The agenda was, without objection, approved per IEEE 802.11-18/0632r2 at 16:03.

The Chair presented the slides through Slide 8.

Without objection, the minutes of the March 2018 meeting were approved, as IEEE 802.11-18/0531r1.

Per Slide 9, the Chair sought candidates for Vice Chair, noting that the current Vice Chair is not standing for re-election. The Chair noted that he will not attend the September 2018 interim session and hopes for a Vice Chair to serve as Acting Chair at that session. No candidates were identified. The Chair invited interest and asked for potential Vice Chairs to contact him.

The Chair reviewed the AANI Background, per Slides 10-11.

Per Slide 12, the Chair noted that the IEEE 802 Network Enhancements for the Next Decade Industry Connections Activity (Nendica) has met this week with the 802 Wireless Interim, and he asked the Nendica Chair, Roger Marks, to provide an update. Marks noted that Nendica has a single meeting slot this week, which was earlier today, and he showed slides from that meeting (IEEE 802.1-18-0023-00-ICne), discussing Nendica status and progress and the group’s two ongoing Work Items, on “Lossless Network for Data Centers” and “Flexible Factory IoT.”

The Chair presented Slide 13 regarding “Contributions addressing 802.11ax performance relative to the IMT-2020 EMBB requirements.” This referred to two prior contributions. The Chair reminded the group that he hopes for further contributions toward the development of that work and hopes that they are available for the Thursday slot.

Without objection, the Chair announced a recess at 16:31.

# Thursday 10 May 10:30

* The Chair called the meeting to order at 10:33
* Andrew Myles volunteered to act as secretary for the session
* Approved agenda by consent in [11-18-0632r2](https://mentor.ieee.org/802.11/dcn/18/11-18-0632-02-AANI-aani-sc-agenda-may-2018.pptx), slide 4
* Chair called for Vice Chair candidates, noting he will not be available to chair the September 2018 meeting.
* Presentation of [11-18-0915-00](https://mentor.ieee.org/802.11/dcn/18/11-18-0915-00-AANI-benchmarking-of-802-11ax-against-embb-indoor-hotspot-requirements-using-imt-2020-simulation-methodology.pptx)
  + Title: Benchmarking of 802.11ax against eMBB Indoor Hotspot requirements using IMT-2020 simulation methodology
  + The authors were not present because of visa issues
  + It was presented by Girish MADPUWAR
* Discussion of [11-18-0915-00](https://mentor.ieee.org/802.11/dcn/18/11-18-0915-00-AANI-benchmarking-of-802-11ax-against-embb-indoor-hotspot-requirements-using-imt-2020-simulation-methodology.pptx)
  + Mobility of 3 km/h is included in these simulation, as required by the IMT-2020 eMBB Indoor Hotspot evaluation methodology.
  + UL data will be provided at next meeting
  + Discussion arose regarding the fit of this and related contributions within the scope of the AANI SC. The Chair indicated that the scope includes technical material, such as performance evaluation, that could be used by 3GPP in a IMT-2020 submission.
  + The material may also be used at some future time for other purposes, including publicity by IEEE 802.11 WG about the characteristics of 802.11ax
* Future session planning
  + No teleconferences currently planned but can be set up with 10 days’ notice
  + Two session planned at San Diego meeting in July
  + Contributions are requested
  + Two expected contributions so far
    - Extension of [11-18-0915-00](https://mentor.ieee.org/802.11/dcn/18/11-18-0915-00-AANI-benchmarking-of-802-11ax-against-embb-indoor-hotspot-requirements-using-imt-2020-simulation-methodology.pptx) to UL
    - Real world testing of 802.11ac
  + The Chair called for interested parties to consider the ongoing NENDICA activity for “Flexible Factory IoT”, as there is a large wireless (potentially 802.11) component in this use case. Topics for contribution shown on slide 14 of [11-18/0632r3](https://mentor.ieee.org/802.11/dcn/18/11-18-0632-03-AANI-aani-sc-agenda-may-2018.pptx)

* At 11:15, the Chair adjourned the meeting.

Final Meeting Agenda: [11-18/0632r3](https://mentor.ieee.org/802.11/dcn/18/11-18-0632-03-AANI-aani-sc-agenda-may-2018.pptx)

Closing Report: [11-18/0975r0](https://mentor.ieee.org/802.11/dcn/18/11-18-0975-00-AANI-aani-sc-closing-report-may-2018.pptx)