IEEE P802.11  
Wireless LANs

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| WLAN Sensing TIG – October 30th, 2019 Teleconference Meeting Minutes | | | | |
| Date: 2019-10-30 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains the meeting minutes of the IEEE 802.11 Topic Interest Group on WLAN Sensing (SENS TIG) teleconference held on October 30th, 2019.

1. The IEEE 802.11 SENS TIG teleconference was called to order at 10:04am ET by the Chair (Tony Xiao Han, Huawei).
   1. Attendance log can be found in the Appendix.
2. The agenda for the meeting can be found in IEEE 802.11-19/1716r2.
3. Patent policy and participation guidelines (slides 6-11) were reviewed. No items noted.
4. The proposed agenda (slide 14) was approved without objection.
5. Chair reviewed the scope of SENS TIG and called for contributions (slide 13).
6. Three technical presentations were made:
   1. Presentation by Debashis Dash (ON Semiconductor), CSI-based Wi-Fi Sensing: Results and Standardization Challenges, Doc. IEEE 11-19/1769r0.
      1. Brief discussion on application-dependent requirements/architectures and on data overhead followed.
   2. Presentation by Claudio da Silva (Intel), Presence and Proximity Detection Using WLAN Sensing, Doc. IEEE 11-19/1772r0.
      1. Presentation was followed by discussions on transmit/receive station diversity and on the need for a new amendment given the existence of solutions already in the market (increased efficiency and reliability were argued, among others).
   3. Presentation by Michel Allegue (Aerial), Wi-Fi Sensing: Technical Feasibility, Standardization Gaps, Doc. IEEE 11-19/1803r0.
      1. Questions on different aspects of the system used to obtain the results shared in the presentation. Questions on metrics used.
      2. Debate around the concept of pet filtering.
7. Chair discussed goals for the IEEE 802.11 Plenary Meeting in November 2019.
   1. Technical presentations
   2. Report to WG
8. Meeting adjourned at 11:43am ET.

**Appendix: Attendance Log**

Note: The list below was recorded from Webex and may be incomplete.

1. Tony Xiao Han (Huawei)
2. Claudio da Silva (Intel)
3. Adrian Stephens
4. Albert Bredewoud
5. Alecsander Eitan
6. Assaf Kasher
7. Bahar Sadeghi (Intel)
8. Bo
9. Carlos C
10. Chenchen Liu
11. David Yang
12. Debashish Dash (Quantenna)
13. Xiandong Dong (Xiaomi)
14. Edward Au
15. Enrico Rantala (Nokia)
16. Gaurav Patwardhan
17. Hanqing
18. Jeongki Kim (LG)
19. Jinmin Kim
20. Jinsoo
21. Joseph Levy (InterDigital)
22. L. Sun (IDCC)
23. Mark Hamilton (Ruckus/CommScope)
24. Martin Schmidgammer
25. Michel Allegue
26. Oscar Au
27. Paul Nikolich
28. Rui Du
29. Rui Yang
30. Sang Kim (LG)
31. Sigurd Schelstraete
32. Solomon Trainin
33. Thomas Handte (Sony)
34. Yonggang Fang
35. Young Hoon Kwon (Marvell)
36. Dannykptan
37. Deciochd
38. Sahinox
39. Zhangmeihong