IEEE P802.11  
Wireless LANs

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| Topic Interest Group on WLAN Sensing – October 9th, 2019 Teleconference Meeting Minutes | | | | |
| Date: 2019-10-09 | | | | |
| 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 9th, 2019.

1. The IEEE 802.11 SENS TIG teleconference was called to order at 10:31am ET by the Chair (Tony Xiao Han, Huawei).
   1. The teleconference started with a delay of 31 minutes due to an access issue with Webex. The delay was informed with an email sent to the IEEE 802.11 email list by the chair at 10:12am. An email reporting that the issue had been solved and that the teleconference would start was sent to the IEEE 802.11 email list by the chair at 10:27am.
   2. Attendance log can be found in the Appendix.
2. The agenda for the meeting can be found in IEEE 802.11-19/1716r1.
3. The Chair appointed Claudio da Silva (Intel) to serve as the TIG’s secretary. Sang Kim (LG) expressed support to the appointment. No objections were raised.
4. The proposed agenda (slide 12) was approved without objection.
5. Patent policy and participation guidelines (slides 6-11) were reviewed. No items noted.
6. Chair reviewed the scope of SENS TIG and called for contributions (slide 13).
7. Three technical presentations were made:
   1. Presentation by Rui Du (Huawei), Usage models for WLAN sensing, Doc. IEEE 11-19/1725r0.
      1. Discussion on technical aspects of the presented usage models ensued.
   2. Presentation by Meihong Zhang (Huawei), Discussion of Market Potential and Technical Feasibility about WLAN Sensing, Doc. IEEE 11-19/1726r0.
      1. Presentation was followed by discussion on similarities and differences between WLAN-based sensing and other technologies (including radar and acoustic sensors). Sensor fusion was also debated.
   3. Presentation by Oscar Au (Origin Wireless), Wireless Sensing: Use cases, Feasibility, Standardization, Doc. IEEE 11-19/1745r0.
      1. Questions asked on aspects of the systems used to obtain the results given in the presentation.
      2. Debate on the use of 2.4/5/6 GHz and 60 GHz bands for WLAN sensing followed.
8. Meeting adjourned at 11:44am 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. Rui Du (Huawei)
4. Meihong Zhang (Huawei)
5. Oscar Au (Origin Wireless)
6. Edward Au (Huawei)
7. Steve Yang
8. Albert Bredewoud
9. Antonio de la Oliva
10. Bahar Sadegui (Intel)
11. Bo
12. Carlos Cordeiro (Intel)
13. Chenchen Liu
14. Danny Tan
15. Debashis Dash (ON)
16. Dick Roy
17. Xiandong Dong (Xiaomi)
18. Enrico Rantala (Nokia)
19. Frank Hsu
20. Gaurav Patwardhan (Hewlett Packard Enterprise)
21. George Calcev (Futurewei)
22. Hanqing
23. Jeff Jones
24. Jeongki Kim (LG)
25. Jinmin Kim
26. Jinsoo Choi
27. Junghoon Suh
28. Kevin
29. L. Sun
30. Mark Hamilton (Ruckus/CommScope)
31. Mark Rison (Samsung)
32. Osama
33. Paul Nikolich
34. Rui Yang
35. Sang Kim (LGE)
36. Sazabi
37. Sudhir Srinivasa
38. Xin Zuo (Tencent)
39. Yan Xin
40. Sigurd Schelstraete