IEEE P802.11  
Wireless LANs

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| UHR SG March-April 2023 teleconference agendas | | | | | |
| Date: 2023-02-02 | | | | | |
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Abstract

This document contains the draft agenda for March and April 2023 UHR SG teleconferences.

Revisions:

* Rev 0: Initial version of the document.

## UHR SG uses WebEx for its Telecons:

* Please identify yourself when Joining, by filling in your name and affiliation:
  + Also please precede your name and affiliation with your voting status:
    - (V=Voter, N= Non-Voter, P=Potential Voter, A=Aspirant Voter)
  + Format for overall participant’s detail: “[V] John Doe (Affiliation)”

## Teleconferences Overview

UHR SG will hold 2 teleconferences

## Teleconferences Plan for November to December

**March 27 (Monday) 10:00-12:00 ET**

**April 10 (Monday) 10:00-12:00 ET**

**April 17 (Monday) 10:00-12:00 ET**

**May 8 (Monday) 10:00-12:00 ET**

## Contribution queue

In green, contributions already presented

**Technical proposals**

0060r0 Layered QoS and multi-layer transmission follow-up, Ross Jian Yu (Huawei)

0069r0 Considerations on Latency Improvement, Insun

0075r0 More Discussions on Deep learning for WLAN Ziyang Guo, Huawei

0092r0 Preemption, Juan Fang

0042r0 Thought for Range Extension in UHR, Dongguk Lim (LG Electronics)

0298r0 Improved reliability in presence of interference, Laurent Cariou

0226r0 Coordination of R-TWT for Multi-AP deployment, Abdel

0285r0 TXOP Protection of Non-Primary Channel, Kiseon

0286r0 Trigger frame protection, Po-Kai Huang

0297r0 r-TWT for Multi-AP, Laurent Cariou

0058r0 Spatial Reuse in Coordinated M-AP for UHR, Rui Yang (InterDigital)

0279r0 Considerations on Seamless Roaming, Insun Jang

0170r0 smooth roaming discussion, Liwen Chu

0249r0 extended TXOP sharing, Liwen Chu

0250r0 AP coordination for R-TWT, Liwen Chu

0284r0 beacon design, Liwen Chu

0281r0 Considerations on RU / MRU Designs for UHR, Eunsung Park, LG Electronics

0261r0 TDMA for Wifi-8, Dibakar Das

0262r0 Reducing Link Adaptation Convergence Time, Shimi Shilo

0263r0 Triggered Beamforming in UHR, Shimi Shilo

0291r0 R-TWT Multi-AP Coordination, Kumail Haider

0243r0 Joint Transmission for UHR – Additional Results, Ron Porat

0293r0 Follow-up on TWT-based Multi-AP Coordination, Rubaket Shafin

0294r0 Channel Usage Enhancements for P2P in UHR, Rubaket Shafin

0295r0 Discussion on Multi-AP Coordination, Xiaofei Wang

0312r0  Thoughts on Secure Control frames, Alfred Asterjahdi

0225r0 considering unscheduled ap mld power save, Guogang Huang

0231r0 thoughts on seamless roaming under non collocated ap mld architecture, Guogang Huang

0322r0 Improve roaming between MLDs, Po-Kai Huang

0355r0 Enhanced rTWT and MAP operation, Hanqing Lou (InterDigital)

0325r0 coordinated spatial reuse for UHR, Jason

0352r0 enhanced security discussion, Liwen Chu

0378r0 Enhanced Scheduling Method for Low Latency Traffic, Serhat Erkucuk

0381r0 Enhancements to Channel Access for UHR, Maulik Vaidya

0389r0 Consideration on EDCA operation for low latency traffic delivery, Liuming Lu

0420r0 Spatial reuse improvements for UHR, Leonardo Lanante

0324r0 Roaming Requirements, Brian Hart

0356r0 MAC Header protection, Abhishek Patil

0473r0 Discussions on CSI Feedback Reduction in UHR, Zinan Lin (InterDigital)

0610r1 Low latency traffic delivery in UHR, Si-Chan Noh (Newracom)

## Teleconference Agendas

### 1st Conf. Call: March 27 (10:00–12:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy:** 
    - Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
    - Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims
  + **Patent Policy - Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “<UHR SG> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Ross Jian Yu ([ross.yujian@huawei.com](mailto:ross.yujian@huawei.com)) and Laurent Cariou ([Laurent.cariou@intel.com](mailto:Laurent.cariou@intel.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Technical Submissions**:** 
  + 0060r0 Layered QoS and multi-layer transmission follow-up, Ross Jian Yu (Huawei)
  + 0069r0 Considerations on Latency Improvement, Insun
  + 0075r0 More Discussions on Deep learning for WLAN Ziyang Guo, Huawei
  + 0092r0 Preemption, Juan Fang
  + 0042r0 Thought for Range Extension in UHR, Dongguk Lim (LG Electronics)
* AoB:
* Adjourn

### 2nd Conf. Call: April 10 (10:00–12:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy:** 
    - Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**:** 
  + 0298r0 Improved reliability in presence of interference, Laurent Cariou
  + 0226r0 Coordination of R-TWT for Multi-AP deployment, Abdel
  + 0285r0 TXOP Protection of Non-Primary Channel, Kiseon
  + 0286r0 Trigger frame protection, Po-Kai Huang
  + 0297r0 r-TWT for Multi-AP, Laurent Cariou
* AoB: None.
* Adjourn

### 3rd Conf. Call: April 17 (10:00–12:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy:** 
    - Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
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  + 0170r0 smooth roaming discussion, Liwen Chu
  + 0281r0 Considerations on RU / MRU Designs for UHR, Eunsung Park, LG Electronics
  + 0261r0 TDMA for Wifi-8, Dibakar Das
  + 0263r0 Triggered Beamforming in UHR, Shimi Shilo
* AoB: None.
* Adjourn

### 4th Conf. Call: May 8 (10:00–12:00 ET)

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy:** 
    - Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
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    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

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* Announcements:
* Technical Submissions**:** 
  + 0249r0 extended TXOP sharing, Liwen Chu
  + 0262r0 Reducing Link Adaptation Convergence Time, Shimi Shilo
  + 0291r0 R-TWT Multi-AP Coordination, Kumail Haider
  + 0243r0 Joint Transmission for UHR – Additional Results, Ron Porat
  + 0293r0 Follow-up on TWT-based Multi-AP Coordination, Rubaket Shafin
* AoB: None.
* Adjourn

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## Patent And Procedures

### Other guidelines for IEEE WG meetings

* All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  + Don’t discuss the interpretation, validity, or essentiality of patents/patent claims.
  + Don’t discuss specific license rates, terms, or conditions.
    - Relative costs of different technical approaches that include relative costs of patent licensing terms March be discussed in standards development meetings.
      * Technical considerations remain the primary focus
  + Don’t discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
  + Don’t discuss the status or substance of ongoing or threatened litigation.
  + Don’t be silent if inappropriate topics are discussed … do formally object.

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For more details, see IEEE-SA Standards Board Operations Manual, clause 5.3.10 and   
Antitrust and Competition Policy: What You Need to Know at <http://standards.ieee.org/develop/policies/antitrust.pdf>

### Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

* IEEE-SA Standards Board Bylaws

(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)

* IEEE-SA Standards Board Operations Manual (<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at <http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at** [**patcom@ieee.org**](mailto:patcom@ieee.org)

### Participation in IEEE 802 Meetings

All participation in IEEE 802 Working Group meetings is on an individual basis

* Participants in the IEEE standards development individual process shall act based on their qualifications and experience. ([https://standards.ieee.org/develop/policies/bylaws/sb\_bylaws.pdfsection 5.2.1](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdfsection%205.2.1))
* IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)
* Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.
* Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see <https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml> and Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-03-00EC-ieee-802-participation-slide.ppt>)

### Copyright Policy

**Participants are advised that**

* IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
* Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy

### IEEE SA Copyright Policy

By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.

* Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
* Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
* For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual

* IEEE SA Copyright Policy, see   
   Clause 7 of the IEEE SA Standards Board Bylaws  
   [https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html)  
   Clause 6.1 of the IEEE SA Standards Board Operations Manual  
   <https://standards.ieee.org/about/policies/opman/sect6.html>

IEEE SA Copyright Permission

* **Error! Hyperlink reference not valid.**[standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip](https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip)

IEEE SA Copyright FAQs

* <http://standards.ieee.org/faqs/copyrights.html/>

IEEE SA Best Practices for IEEE Standards Development

* [standards.ieee.org/develop/policies/best\_practices\_for\_ieee\_standards\_development\_051215.pdf](http://standards.ieee.org/develop/policies/best_practices_for_ieee_standards_development_051215.pdf)

Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)

* <https://standards.ieee.org/about/policies/opman/sect6.html>

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Teleconferences (and ad-hocs) are subject to applicable policies and procedures, see below.

**IEEE Code of Ethics**

<http://www.ieee.org/about/corporate/governance/p7-8.html>

**IEEE Standards Association (IEEE-SA) Affiliation FAQ**

<http://standards.ieee.org/faqs/affiliation.html>

**Antitrust and Competition Policy**

<http://standards.ieee.org/resources/antitrust-guidelines.pdf>

**Letter of Assurance Form**

[http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#loa](http://standards.ieee.org/develop/policies/bylaws/sect6-7.html)

[https://development.standards.ieee.org/myproject/Public//mytools/mob/loa.pdf](http://standards.ieee.org/board/pat/pat-slideset.ppt)

**IEEE-SA Patent Committee FAQ & Patent slides**

<http://standards.ieee.org/board/pat/faq.pdf> and <http://standards.ieee.org/board/pat/pat-slideset.ppt>

**The current version of the IEEE-SA Standards Board Bylaws is available at:**

<http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> (PDF version)

**The current version of the IEEE-SA Standards Board Operations Manual is available at:**

<http://standards.ieee.org/develop/policies/opman/sb_om.pdf> (PDF version)

**IEEE 802 Policies & Procedures (Approved June 2014)**

<http://standards.ieee.org/board/aud/LMSC.pdf>

**IEEE 802 Operations Manual (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0090-22-0PNP-ieee-802-lmsc-operations-manual.pdf>

**IEEE 802 Working Group Policies & Procedures (29 July 2016)**

<http://www.ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf>

**IEEE 802 LMSC Chair's Guidelines (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>

**Participation in IEEE 802 Meetings**

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>

**IEEE 802.11 WG Operations Manual (Approved 13 July 2018):**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>