IEEE P802.11
Wireless LANs

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| Liaison statement from ITU-T SG15 re: FTTH Workshop |
| Date: 2024-02-20 |
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Abstract

This document contains a liaison received from ITU-T Study Group 15 on the topic of the 4th fibre-to-the-room (FTTR) Joint Workshop. The received liaison is embedded below and copied on the following pages.

 

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|  | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | SG15-LS110 |
| **STUDY GROUP 15** |
| **Original: English** |
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| **LS(Ref.: TD224/WP1)** |
| **Source:** | ITU-T Study Group 15 |
| **Title:** | Liaison Statement on the 4th FTTR Joint Workshop |
| **LIAISON STATEMENT** |
| **For action to:** | CCSA TC 6, ETSI F5G, ETSI ATTM/ ATTM AT2, BBF, WBA, IEC TC86 SC86A & SC86B, IEEE 802.11 |
| **For information to:** |  |
| **Approval:** | ITU-T Question 3/15 (Barcelona, 24 January 2024) |
| **Deadline:** | 19 April 2024 |
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| **Abstract:** | Outgoing liaison on next FTTR workshop. |

As a joint effort between ITU-T, ETSI, CCSA and BBF, joint workshops on fibre-to-the-room (FTTR) have been successfully held for the past three years (2021, 2022 and 2023). This event provides a great opportunity to exchange information and share experiences on the topic of FTTR annually, including standards and technology development, fibre deployment, operator service requirements, etc.

So far, global deployment has reached approximately 10 million FTTR installations. Meanwhile in 2023, different SDOs have made continuous progress on this topic. ITU-T has made progress on technical specifications (architecture, physical layer, data link layer, and management), particularly in support of Wi-Fi backhauling.

Given this progress, Q3 proposes to organize a 4th FTTR joint workshop in 2024. Some initial thoughts on relevant topics include:

1. FTTR standards progress
2. Fibre infrastructure (e.g., fibre deployment techniques, fibre components utilized in FTTR)
3. QoE of network services in residential and business environments
4. Fibre and wireless coordination technology over FTTR
5. Network management of FTTR
6. FTTR deployment and development practice experience (e.g., policy, verticals)
7. FTTR business cases from an operator’s point of view
8. Extended applications over FTTR (e.g., fibre sensing, optical wireless communication)
9. Future views and outcome of research on next generation FTTR

The plan is for the workshop to be divided into two parts, FTTR standards development by different SDOs, and general technical discussion on FTTR topics.

It would seem that the middle of 2024 (June or July) might be a good time for the workshop. The workshop is typically held online, but we are considering a hybrid mode for this year’s workshop on Friday July 12 following the SG15 plenary meeting to be held in Montreal. We hope that you can join the workshop and share your views on FTTR.

Our next meeting will be held in Hong Kong, 22 – 25 April 2024.

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**References:**