ASIA-PACIFIC TELECOMMUNITY
The 37th Meeting of the APT Wireless Group (AWG-37)
7–11 September 2026, Dhaka, Bangladesh

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31 August 2026

Dynamic Spectrum Alliance, Amazon, Apple, Cisco, Hewlett Packard Enterprise, Intel, Meta

PROPOSAL FOR A WORKPLAN ON WI-FI TECHNOLOGY WORKSHOP

Wi-Fi is widely used to provide wireless connectivity in homes, enterprises, public venues and industrial environments. Ongoing developments in Wi-Fi standards and equipment capabilities are creating new opportunities and regulatory considerations relating to spectrum use, coexistence, deployment scenarios, device performance and emerging applications.

The proposed workshop would provide an open, non-prescriptive forum for administrations, industry, standards development organisations and other stakeholders to exchange information on Wi-Fi technology developments, spectrum-management approaches, deployment experience, coexistence studies and relevant technical challenges.

As administrations and industry stakeholders seek to address increasing demand for wireless broadband and support new applications such as immersive services, industrial automation, AI-enabled devices, and smart infrastructure, Wi-Fi technology is playing an increasingly important role in complementing cellular networks and extending connectivity in homes, enterprises, public venues, and industrial environments.

To facilitate information exchange on the latest developments in Wi-Fi technologies, spectrum utilization, regulatory frameworks, standards evolution, deployment experiences, and emerging use cases, it is proposed AWG to have a Wi-Fi workshop. The workshop would provide APT members with an opportunity to learn from administrations, industry experts and standards bodies regarding current and future developments of the Wi-Fi technology.

Wi-Fi industry members, administrations, standards development organizations, and relevant stakeholders are invited to share their insights and latest developments in Wi-Fi technologies and applications.

Proposal

WG TER is invited to review and approve the workplan in Annex and conduct a Wi-Fi technology workshop in WG TER.

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ANNEX: Proposed Workplan

AWG workshop on Wi-Fi technology

Title	**AWG Workshop on Wi-Fi Technology**
Document Type	N/A
Group/Chair	WG-TER Takahiko Yamazaki
Convener(s)	Yongseok Seo Xin Tang
Scope	To conduct a Wi-Fi workshop for APT members in AWG meetings - Information sharing on Wi-Fi technologies, standards evolution, spectrum considerations, deployment experiences, and industry developments. - Administrations and industry are encouraged to provide information on regulatory frameworks, spectrum management approaches, standardization activities, national deployments, best practices, and challenges.
Purpose	- To keep APT members updated on Wi-Fi technology and its developments - To facilitate information exchange on Wi-Fi standards, regulation, and deployment experiences. - To promote collaboration between administrations and industry on future Wi-Fi evolution and innovative use cases.
Related Document	None
Related Organization	ITU-R WP5A, IEEE 802.11 working group, Wi-Fi Alliance, Wireless Broadband Alliance
Timelines	**AWG-37 (Sep 2026)** – Approve the Workplan – Call for contributions to the next meeting (AWG-38) **AWG-38 (1H 2027)** – Host 1st Wi-Fi workshop in WG-TER – Call for contributions to the next meeting **AWG-39 (TBD 2028)** – Host 2nd Wi-Fi workshop in WG-TER – Call for contributions to the next meeting **Notes for arrangements of this workshop:** – Presentation materials should be contributed as INF document. – One slot of WG-TER would be allocated. – Proponents make presentation at podium. About 15~20 minutes each is allocated in general. – Please contact the conveners and WG-TER chair before you start preparing a contribution. The conveners and chair may manage program and schedule based on potential contributions. – E-mails: xin.tang@hpe.com and yongseok.seo@dynamicspectrumalliance.org