

Draft Workshop Agenda: Strengthening Collaboration on Standardisation for Quantum Technologies

Day 1: 30th July 2025 (in Korean Standard Time)	
8.30 am – 9:00 am	Registration and Arrival
9:00 am – 9.15 am	Opening of Day 1 – Standards Australia
9:15 am – 10:00 am	<p>Keynote Session</p> <ul style="list-style-type: none"> • Keynote speakers <p>Group Photo Opportunity</p>
10:00 am – 10:30 am	Break
10:30 am – 11:30 am	<p>Session 1 – Standards as a Catalyst for Inclusive Innovation</p> <p><i>Discussion on how international quantum technology standards can support equitable development across APEC economies, and how regional collaboration can help overcome disparities in quantum readiness and uptake, as informed by the regional survey and research report.</i></p> <p><u>Speakers & Panelists:</u></p> <p>Standards Australia to introduce the survey findings and insights from the research report.</p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> • APEC representatives • Government representatives • Quantum experts • Standards Development Organisations (SDOs) • IEC/ISO <p><u>Panel Moderator:</u></p> <ul style="list-style-type: none"> • Standards Australia
11:30 am – 12:30 pm	<p>Session 2 – Case Study: Quantum in Action in the APEC Region</p> <p><i>Case study on how a selection of APEC economies are approaching quantum technology development and regulation, followed by a Q&A session.</i></p> <p><u>Speakers:</u></p> <ul style="list-style-type: none"> • Government representatives from APEC economies • Industry representatives from APEC economies <p><u>Q&A Moderator:</u></p>

	<ul style="list-style-type: none"> Standards Australia
12:30 pm – 2:00 pm	Networking Lunch
2:00 pm – 3:00 pm	<p>Session 3 – Trends, Opportunities, and Risks for Quantum Technology in the APEC Region</p> <p><i>This panel will bring together academia, research institutions, and industry to discuss the latest developments, emerging opportunities, and potential risks associated with the advancement of quantum technologies in APEC economies.</i></p> <p>Speakers & Panelists:</p> <ul style="list-style-type: none"> Industry experts Academia Government representatives <p>Panel Moderator:</p> <ul style="list-style-type: none"> TBC
3:00 pm – 3:30 pm	Break
3:30 pm – 4:30 pm	<p>Breakout Session - Challenges and Opportunities for Developing and Scaling Quantum</p> <p><i>Participants will be divided into virtual and in-person groups to discuss challenges and opportunities for quantum technology within their respective economies.</i></p>
4:30 – 4:50 pm	Reporting of break-out discussion results
4:50 pm – 5:00 pm	Wrap up and closing of Day 1
5:00 pm	End of Day 1

Day 2: 31st July 2025 (in Korean Standard Time)	
8.30 am – 9:00 am	Registration and Arrival
9:00 am – 9.15 am	Recap of Day 1 and Opening of Day 2 – Standards Australia
9:15 am – 10:00 am	<p>Session 4 – The Role of Standardisation in Quantum Technology</p> <p><i>Discussion on the importance of global and regional standardisation for quantum interoperability. Update on international standards for quantum</i></p>

	<p><i>technologies (IEC/ISO JTC3). Exploration of gaps and opportunities for APEC economies to align with global standards.</i></p> <p><u>Speakers:</u></p> <ul style="list-style-type: none"> • IEC/ISO JTC3 representatives • SDOs
10:00 am – 10:30 am	Break
10:30 am – 11:30 am	<p>Session 5 – Use Cases and Best Practices for Scaling Quantum Technology</p> <p><i>This session will explore real-world use cases of quantum technology in APEC economies, focusing on how national and international standards have been adopted to drive the successful development, deployment, and scaling of quantum technologies.</i></p> <p><u>Speakers:</u></p> <ul style="list-style-type: none"> • Government representatives • Industry representatives • SDOs
11:30 am – 12:30 pm	<p>Session 6 – Building a Unified APEC Quantum Ecosystem</p> <p><i>Panel discussion on the role of APEC in fostering quantum standardisation to ensure regional interoperability and equitable access to quantum technologies.</i></p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> • APEC representatives • Quantum experts • SDOs • Industry representatives • Academia <p><u>Panel Moderator:</u></p> <ul style="list-style-type: none"> • TBC
12:30 pm – 2:00 pm	Networking Lunch
2:00 pm – 3:00 pm	<p>Breakout Session – Creating a Roadmap for APEC Quantum Collaboration</p> <p><i>Participants will be divided into virtual and in-person groups to design actionable steps and draft a roadmap for regional quantum cooperation and standardisation.</i></p>
3:00 pm – 3:30 pm	Break

3:30 pm – 4:00 pm	Reporting of break-out discussion results
4:00 pm – 4:15 pm	Wrap up and closing of Day 2
4:15 pm	End of Day 2