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|  | **International telecommunication union****Telecommunication Standardization Bureau** |  |
|  | Geneva, 3 June 2021 |
| Ref: | **TSB Circular 324**TSB Events/XA | **To:**- Administrations of Member States of the Union;- ITU-T Sector Members;- ITU-T Associates;- ITU Academia |
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| E-mail: | tsbevents@itu.int | **Copy to:**- The Chairmen and Vice-Chairmen of ITU-T Study Groups;- The Director of the Telecommunication Development Bureau;- The Director of the Radiocommunication Bureau |
| **Subject**:  | **Quantum Information Technology (QIT) Webinar Series** **(Episode 4: Fully Virtual Meeting, 23 June 2021)** |

Dear Sir/Madam,

1 The International Telecommunication (ITU) is organizing the fourth episode of the [**Quantum Information Technology (QIT)**](https://www.itu.int/en/ITU-T/webinars/Pages/qit.aspx) webinar series which aims to share information and the latest developments on QIT to ICT stakeholders that would be impacted by the rapidly developing field.

This episode on “**Harmonisation of Terminology in Standards for Quantum Technology**” is jointly organized by the European Telecommunications Standards Institute (ETSI), International Electrotechnical Commission (IEC) and the Institute of Electrical and Electronics Engineers (IEEE) UK and Ireland Photonics Chapter and will take place on **23 June 2021 from 15h00 to 18h00 CEST**.

2 Clearly defined terms are a core objective of standardization because they are the foundation of good technical standards. However, in practice, multiple standards are often originated separately, developed simultaneously and used in combination which adds complexity to users if different or even conflicting definitions exist. This episode will discuss motivations to harmonize the use of QIT-related terminology and identify areas where certain terminology is likely to cut across different QITs as well as areas where consistency with standards from other fields is important. With specific examples, this episode will also discuss whether terminology choices might restrict the application of standards to future generations of quantum networks. Approaches applied by different SDOs for the development, use and maintenance of terminology will also be discussed with a view of identifying potential mechanisms to facilitate harmonisation.

3 Participation in the webinar is open to ITU Member States, Sector Members, Associates and Academic Institutions and to any individual from a country that is a member of ITU who wishes to contribute to the work. This includes individuals who are also members of international, regional and national organizations.

4 All relevant information pertaining to the webinar, (speakers, registration links, remote connection details) will be made available at <https://www.itu.int/en/ITU-T/webinars/20210623/Pages/default.aspx>. The website will be regularly updated as new or modified information becomes available. Participants are requested to check periodically for new updates.

5 For the previous episodes in this [**Quantum Information Technology (QIT)**](https://www.itu.int/en/ITU-T/webinars/Pages/qit.aspx) webinar series, kindly view the recordings by following the respective links available on the main landing page found [here](https://www.itu.int/en/ITU-T/webinars/Pages/qit.aspx).

Yours faithfully,

Chaesub Lee
Director of the Telecommunication
Standardization Bureau