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|  | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 24 February 2021 | |
| Ref: | **TSB Circular 299**  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](mailto: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**: | **Joint Symposium on Standards for Quantum Technologies  23 March 2021 (Fully Virtual Meeting)** | | | |

Dear Sir/Madam,

1 It is my pleasure to invite you to the **Joint Symposium on Standards for Quantum Technologies** jointly organised by the **International Telecommunication Union (ITU), International Electrotechnical Commission (IEC),** **Institute of Electrical and Electronics Engineers (IEEE) UK and Ireland Photonics Chapter** taking place virtually on **23 March 2021** from 15h00-18h00 CET.

2 This joint symposium will bring together world-leading speakers to introduce different aspects of quantum technologies: quantum communication, quantum computation and quantum measurement. This will be followed by an extensive panel discussion involving representatives from various SDOs including ISO, IEC, ITU-T, NIST, ETSI, ISO, CEN/CENELEC to discuss how standards could help to promote the commercialization of quantum technologies, identify and prioritise areas in which standards would be most required and according to which timeline (road-mapping).

In particular, it will explore the most important lessons learnt from previous efforts to standardise new technologies (such as optics and photonics) and discuss how past methods can be applied to quantum technologies to ensure that different SDOs can achieve harmonisation from the outset, avoiding unhelpful divergence without impacting healthy competition between SDOs.

3 Participation in the workshop is open for ITU Member States, Sector Members, Associates and Academic Institutions and to any individual from a country that is a member of ITU. This includes individuals who are also members of international, regional and national organizations, specifically the members of IEC and the IEEE UK and Ireland Photonics Chapter.

4 All pertinent information relating to this virtual symposium including the draft programme, speakers, moderators, etc. will be made available on the event website at: <https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2021/0323/Pages/default.aspx>.This website will be updated regularly as new or modified information becomes available. Participants are requested to check periodically for new updates.

5 Registration is mandatory for all participants in order to be able to access the remote participation tool. You are invited to complete the online registration form available on the event’s web page.

Yours faithfully,

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau