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| The International Teleocmmunication Union - Connecting the World. | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | Geneva, 14 March 2024 | |
| **Ref:** | **TSB Circular 183** TSB Events /XY | **To:**  - Administrations of Member States of the Union;  - ITU-T Sector Members;  - ITU-T Associates;  - ITU Academia  **Copy to:**  - The Chairs and Vice-Chairs of Study Groups;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau;  - The Directors of the ITU Regional Offices | |
| **Contact:** | **Xiaoya Yang** |
| **Tel:** | +41 22 730 6206 |
| **Fax:**  **E-mail:** | +41 22 730 5853  tsbevents@itu.int |
| **Subject:** | **Third ITU-T X.509 Day  (Fully Virtual, 9 May 2024)** | | |

Dear Sir/Madam,

1 I am pleased to inform you that the International Telecommunication Union (ITU) is organizing the **Third ITU-T X.509 Day** taking place virtually on **9 May 2024 from 13h00 to 16h00 CEST.**

2 [ITU-T X.509](https://www.itu.int/ITU-T/recommendations/rec.aspx?id=14033&lang=en) is the universal language for public key infrastructure (PKI) and privilege management infrastructure (PMI) – the fundamental building blocks for secure transactions in business-to-business (B2B), business-to-customer (B2C) and government-to-citizen (G2C) environments.

As a widely recognized standard, ITU-T X.509 provides a reliable and secure foundation for a wide range of industries, from agriculture and education to energy, finance, entertainment, health, manufacturing, transport, and utilities. The basic data structures defined in ITU-T X.509 support seamless interoperability and application-specific extensions, making it indispensable to businesses, consumers, governments and all organizations worldwide.

For over 35 years, ITU-T X.509 has been empowering businesses and organizations globally to secure their transactions and communications and ITU continues to honour the legacy of ITU-T X.509 by celebrating its achievements on this day.

3 The objectives of this event include, but are not limited to:

1. reviewing the progress of ITU-T X.509 since the second ITU-T X.509 Day,
2. analysing the impact of quantum computing to ITU-T X.509 and cutting-edge progress with decentralized PKI,
3. identifying potential directions for future developments of ITU-T X.509, with a focus on migration plans for ITU-T X.509 that incorporate post-quantum cryptography, and
4. discussing how relevant SDOs could enhance collaboration on future standardization work on and related to ITU-T X.509.

4 All relevant information pertaining to the event (draft programme, speakers, registration link, remote connection details) will be made available on the event webpage here: <https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2024/0509/Pages/default.aspx>  
The event webpage will be updated regularly as more information becomes available. Participants are encouraged to check the webpage periodically for updates.

5 Registration to the event is **mandatory** and can be accessed here: <https://www.itu.int/net/CRM/js/sr/C-00013752>

6 Participation is free of charge and open to all interested stakeholders including ITU Member States, Sector Members, Associates and Academic Institutions and to any individual from a country that is a member of ITU and who wishes to contribute to the work.

Yours faithfully,

Seizo Onoe  
Director of the Telecommunication  
Standardization Bureau