Technical, business and regulatory aspects of Artificial Intelligence and Metaverse for future Internet and telecoms

Registration

Start date of registration

18 Jan 2025

-

End date of registration

22 Oct 2025

Event dates

Start date

23 Oct 2025

-

End date

24 Oct 2025

Location

Warsaw
Poland

Global or multi-regional

Training topics

Training topics

Artificial intelligence

Wireless and fixed broadband

Training type

Training modality

Face to Face

Languages

Languages

English

Coordinators

- Sylwester Laskowski
- Toni Janevski

Payment methods

- Bank transfer

Event email contact

Event mail contact

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Price

$500.00

Event organizer(s)

National Institute
of Telecommunications

Description

This course focuses on technical, business and regulatory aspects of Artificial Intelligence (AI) and Metaverse for future Internet and telecoms. It covers fixed and mobile broadband Internet, QoS, and cybersecurity, AI fundamentals for telecom sector including ITU's Machine Learning (ML), Generative AI, federated learning, Explainable AI (XAI) and responsible AI use. The course includes future AI-based clouds and IoT, including AI as a Service (AIaaS), edge AI and edge clouds, and Industrial IoT. It also covers AI for 5G/6G mobile networks, spectrum management, QoS, and cybersecurity, as well as regulation and governance of AI including Explainable AI (XAI) and effective AI governance. Further, the course covers Metaverse enabling technologies XR, digital twins, IoT, and AI, as well as future 6G and mobile Metaverse services including ITU IMT-2030 framework, AI-native 6G networks and mobile Metaverse services such as immersive XR and Industry 5.0. Also, it includes QoS for future Metaverse, Internet and telecoms, including 6G QoS,, KPIs for mobile Metaverse services, QoS and QoE measurements for future services, as well as personalized QoS and QoE. Finally, the course covers Metaverse cybersecurity including AI and Generative AI tools for Metaverse cybersecurity, digital identity management, blockchain, quantum security, and cybersecurity strategies, as well as key business and regulatory aspects of the Metaverse including competition and market dynamics, privacy, accessibility, network neutrality, and governance for future Metaverse, Internet and telecoms.

Registration information

[Document on registration information (English)](#)

Unless specified otherwise, all ITU Academy training courses are open to all interested professionals, irrespective of their race, ethnicity, age, gender, religion, economic status and other diverse backgrounds. We strongly encourage registrations from female participants, and participants from developing countries. This includes least developed countries, small island developing states and landlocked developing countries.

Related documentation and links

[Training course outline](#)157.71 KB

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