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Registration information

AI, cybersecurity and QoS/QoE for future mobile broadband

Organized by:

National Institute of Telecommunications

Training details

Modality: Face to Face
Location: , Poland
Dates: *22 Oct 2026 - 23 Oct 2026*
Training fees: $500.00
Language: English
Application deadline: 19 Oct 2026
Payment methods: bank_transfer, Bank transfer
Training code: 26WS500492MUL-E-D
Contact: s.laskowski@il-pib.pl

Training description

New technologies, evolving regulatory considerations, and emergent business models are likely to shape how advanced digital services are delivered and managed. This course focuses on technical, business and regulatory aspects of AI, cybersecurity and Quality of Service (QoS) and Quality of Experience (QoE) for future mobile broadband. Through an in-depth exploration, participants will gain insights into key innovations such as 5G and 5G-Advanced technologies, including 5G RAN and Core, network slicing, service types and spectrum, followed by ITU framework for 6G (IMT-2030), covering immersive communication with integrated AI and sensing, edge clouds, massive and critical IoT, and ubiquitous 3D connectivity. The course introduces participants to future immersive, AI-driven, cloud-native mobile networks and their convergence with satellite networks, bridging this knowledge with AI, machine learning and generative AI use for 5G and 6G cybersecurity, as well as regulatory and business aspects of AI, data governance, and cybersecurity for 5G and 6G. The course also puts the spotlight on QoS and QoE in 5G and 6G, including mobile voice, video, Internet,

OTT, XR, metaverse, and critical services. Participants will gain insights into KPIs and AI-based QoS and QoE assessment in these mobile networks, as well as AI-enhanced QoS and QoE for mobile metaverse, XR, digital twins, and IoT. The course also focuses on AI-driven spectrum management including dynamic spectrum sharing, and network neutrality for 5G and 6G, Finally, it concludes with QoS and QoE regulation in AI-native 5G and 6G, enforcement mechanisms, as well as QoS and QoE business models and drivers for future mobile networks and services.

For more information about the training objectives, target population, entry requirements, methodology, evaluation and content, consult the page here.

How to apply

In order to register for the training, applicants should:

1. Create an ITU Academy account here
2. Apply for the course here
3. The selection of participants for the course will be made by the course coordinators, based on the course's entry requirements, selection criteria and available number of seats. If selected, you will receive a notification by email.

How to pay for the training

This course is organized by National Institute of Telecommunications (NIT), an ITU Academy Training Centre, which will collect the training fees directly.

You will find details about the payment process of this Centre at the following link or alternatively in your ITU Academy account under My courses.

Kindly note that payment must be made by 21 Oct 2026

Group registration and payment

Registration and payment for multiple people from an organization is possible through institutional contacts.

To become an institutional contact:

1. Go to your profile page by clicking on the “My account” button in the user menu and click on the “Apply to be an Institutional Contact” button
2. Fill in the required information and click “continue”, a request will be created.
3. An ITU Academy manager will manually review this request and accept or deny it accordingly.
4. If accepted, you will find a new menu tab “Institutional Contact” appearing in the top bar. You can now request multiple seats in a course and assign them to people from your group. Kindly note, each individual must create an ITU Academy account.

The ITU Academy is the International Telecommunication Union leading platform for capacity development initiatives.

International Telecommunication Union
Place des Nations, 1211 Geneva 20
Switzerland