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## QoS Technologies and Regulation for Fixed and Mobile

Registration

Start date of registration

18 Mar 2019

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End date of registration

24 Oct 2019

Event dates

Start date

24 Oct 2019

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End date

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25 Oct 2019

Location

Warsaw  
Poland

Europe

Training topics

Training topics

Wireless and fixed broadband

Training type

Training modality

Face to Face

Languages

Languages

English

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Event organizer

Event organizer

NIT

Tutors

- Sylwester Laskowski
- Toni Janevski

Price

\$500.00

## Description

This course will focus on technical, business and regulatory aspects of QoS for Fixed and Mobile Networks. It includes QoS (Quality of Service) and QoE (Quality of Experience) fundamentals by ITU, as well as traffic and QoS management in Internet and IP networks.

Further, it includes QoS for fixed ultra-broadband access, including QoS solutions in metallic and

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optical networks, carrier grade Ethernet QoS, as well as end-to-end QoS. The course also covers QoS for mobile ultra-broadband access, including 4G and 5G mobile technologies and their QoS capabilities and approaches.

The telecom networks are built for provision of services. In that manner the course covers QoS-enabled services provisioning, including QoS and QoE for VoIP, video and IPTV services, as well as QoS for Internet data services (i.e., Over-The-Top services). Each telecommunication network is interconnected to other networks forming the global network of Internet and managed IP networks, so the course includes interconnection and its QoS aspects.

Further, it covers generic and specific QoS parameters, KPIs (Key Performance Indicators) and their measurements. The global Internet is based on network neutrality approach for OTT/data services, so the course also covers network neutrality and its regulation. The QoS constantly increases in its importance with the digitization and innovation of various critical services, so the course includes QoS regulatory framework based on technical, business/economic and regulatory principles of QoS for services over fixed and mobile networks.

## **Registration and payment information**

[Document on registration and payment 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

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[Invitation letter](#)445.7 KB

[Course outline](#)465.12 KB

[Information note](#)266.38 KB

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