5G-Advanced mobile broadband and future services

Registration

Start date of registration

12 Sep 2023

-

End date of registration

19 Oct 2023

Event dates

Start date

26 Oct 2023

-

End date

Location

Poland

Global or multi-regional

Training topics

Training topics

Wireless and fixed broadband

Training type

Training modality

Face to Face

Languages

Languages

English

Event organizer

Event organizer

National Institute of Telecommunications (NIT)

Tutors

- Toni Janevski

Coordinators

- Sylwester Laskowski

Payment methods

- Bank transfer

Event email contact

Event mail contact

s.laskowski@il-pib.pl

Price

$500.00

Description

This course will focus on 5G-Advanced mobile broadband and future services, including technologies, regulation and business aspects. It will cover mobile broadband evolution, from IMT-Advanced (4G) to IMT-2020 (5G) and IMT-2030 (6G). The course will include 5G New Radio (NR) and 5G Core Network with 5G-Advanced enhancements. Further, it will focus on 5G/5G-Advanced services including enhanced mobile broadband (eMBB), massive IoT (mMTC), critical IoT (URLLC), and Vehicle-to-everything (V2X), then deployment of 5G/5G-Advanced networks by given QoS/QoE indicators, Integrated Access and Backhaul (IAB), and edge clouds, as well as 5G-Advanced spectrum management and regulation. The course will also include 5G-Advanced enhancements including mobility enhancements, multicast and broadcast evolution, boundless XR (eXtended Reality), RedCap (Reduced Capability) Internet of Things and UAV (Unmanned Aerial Vehicles). It will also include Artificial Intelligence (AI) / Machine Learning (ML) use cases in 5G-Advanced telecom networks, as well as 5G-Advanced NTN (Non-Terrestrial Network) / Satellite networks for future IoT services. Finally the course will cover 5G-Advanced business and regulatory aspects including 5G-Advanced services vs. Internet network neutrality, as well as developments towards future 6G mobile networks and services, IMT-2030 and beyond.

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](#)140.82 KB

[Information note on physical participation](#)618.96 KB

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