[Low earth orbit communication satellites and applications in digital economy era](#)

Registration

Start date of registration

31 May 2024

-

End date of registration

02 Aug 2024

Event dates

Start date

05 Aug 2024

-

End date

16 Aug 2024

Location

Global or multi-regional

Training topics

Training topics

Satellite Communications

Training type

Training modality

Online instructor led

Languages

Languages

English

Event organizer

Event organizer

Digital Bridge Institute (DBI)

Tutors

- Israel Baiye
- Abubakar Abdulsalam
- Ayodeji Idris
- Francis Idachaba

Coordinators

- Paulinus Okechukwu UGWOKE
- Chukwuemeka Ejiofor

Payment methods

- Bank transfer
- Credit card

Event email contact

Event mail contact

pougwoke@dbi.edu.ng

Price

$150.00

Description

This comprehensive training program aims to equip participants with in-depth knowledge of Low Earth Orbit (LEO) communication satellites and their diverse applications in the rapidly evolving digital economy. The role of LEO communication satellites has become increasingly pivotal, ushering in a new era in the digital economy. These satellites, orbiting at lower altitudes than their geostationary counterparts, offer many advantages that are reshaping the way we connect, communicate, and conduct business. Their proximity to Earth results in lower latency and enhanced data transfer speeds, making them particularly suitable for applications demanding real-time connectivity. The participants will gain insights into the technical aspects, deployment strategies, and practical applications of LEO satellites in driving digital transformation across various sectors. An integral aspect of the course is the exploration of LEO satellite applications in the digital economy. From providing connectivity solutions in remote areas to supporting Internet of Things (IoT) devices and delivering broadband services, LEO satellites play a pivotal role in fostering economic development and br idging digital divides. The participants will delve into the regulatory and policy frameworks governing satellite communication, including spectrum allocation and licensing. The course also addresses the critical issue of security, exploring measures to safeguard satellite systems from potential threats and cyber-attacks. As technology continues to advance, the course anticipates and analyzes future trends in LEO satellite technology. From next-generation satellites to integration with 5G networks, the participants will gain a forward-looking perspective on the evolving landscape of satellite communication.

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.

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