



International Telecommunication Union
Arab Regional Office (ARB)



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- Administrations of ITU Member States
- Regulators
- ITU-D Sector Members and Associates
- Academia Institutions
For the Arab region
- Regional and International Organizations
concerned
- Regional chairs and vice chairs of the
Advisory Groups and Study Groups

Subject: ITU Centres of Excellence Online Training Course on “IMT-2000/5G Mobile Networks and Systems”

Dear Madam/Sir,

I am pleased to invite your organization to participate in the online training course on “**IMT-2000/5G Mobile Networks and Systems**”, organized jointly by the International Telecommunication Union (ITU) and the Smart Tunisian Technoparks (S2T), from **15 to 21 March 2021**, as part of the broadband & wireless networks program under the auspices of the ITU Centres of Excellence for Arab region. The training will be delivered in English.

This training aims to focus on IMT-2000/5G Mobile Networks and Systems and different key topics related to this field.

By the end of this training, participants should be able to understand:

- The limitation of the 4G system and its evolution toward IMT-2000/5G.
- The new requirements of IMT-2000/5G systems.
- The new technologies, features and architecture of the upcoming 5G systems especially: frequency bands, IMT-2000/5G NR, the new air interface NOMA, Cloud-RAN, Network Slicing, D2D communications, Small Cell Networks.
- The migration from 4G to IMT-2000/5G systems and deployment of 5G in the world.
- The evolution and timeline of 3GPP specifications.

This training course targets engineers and technical staff from 4G/5G systems, regulators, policy makers, telecom operators, industry, and academia. Other institutions and individuals who are interested in building their capacity in 5G systems are also welcomed to participate in this training course.

Detailed information on this training course is described in the course outline, which can be downloaded from the ITU Academy portal at the following link ([Click here](#))¹. Registration should be made online at the aforementioned link no later than **05 March 2021**. Payment details are specified in the training course outline. Should you require any further information, Eng. Mustafa Al Mahdi, Programme Officer, at ITU Arab Regional Office (mustafa-ahmed.al-mahdi@itu.int) and Mrs. Houda Jarraya, Focal point at S2T, (houda.jarraya@gmail.com; houda.jarraya@s2t.tn) are at your full disposal.

Looking forward to your active participation in this online training course.

Yours faithfully,

[Original signed]

Adel M. Darwish
Regional Director
Arab Regional Office

¹ <https://academy.itu.int/index.php/training-courses/full-catalogue/imt-20005g-mobile-networks-and-systems>