3GPP Mobile Systems Overview - 4 days

CONTENTS:
The 4-day 3GPP Mobile System Overview course describes all the currently used “generations” of mobile (cellular) networks standardized by 3GPP. It accounts for the evolution from the voice centric GSM (2G) via the data traffic of GPRS and UMTS (3G) to the all-IP architecture in LTE (4G) and IMS as used for VoLTE. The course also introduces IoT and give an insight into 5G. All topics are presented in a comprehensive – yet easily understandable – way. Essential principles, procedures, subsystems, nodes and protocols are described. Basic traffic cases are used to demonstrate the function and architecture of the different systems.

PREREQUISITES:
Technical education and/or at least one year of technical telecom experience is recommended.