



**Telecommunication
Development Bureau (BDT)**

Ref.: BDT/EUR/DM/083

Geneva, 22 May 2019

Administrations of ITU Member States,
Regulators, ITU-D Sector Members and
Academia members in Europe

Subject: **ITU Centres of Excellence online training course on Security and QoS in Internet Network,
26 August – 2 September 2019**

Dear Sir/Madam,

I am pleased to invite your organization to participate in the online training course on **“Security and QoS in Internet Network”** to be conducted **from 26 August to 2 September 2019**. This course is organized jointly by the International Telecommunication Union and the National Institute of Telecommunications of Poland as part of the Internet Governance programme under the auspices of the ITU Centres of Excellence for Europe. The training will be delivered in English through the ITU Academy platform.

This online training course aims to discuss security and quality of service (QoS) in Internet network from technology, regulation and business aspects. It will cover Internet fundamentals, including Internet protocols and architectures, Internet security standards and approaches as defined by IETF (Internet Engineering Task Force), as well as ITU's security architectures for end-to-end communications. Further, the course will address cybersecurity approaches from the ITU viewpoint, and security aspects of emerging cloud computing and Internet of Things (IoT). The course will also discuss Internet QoS, including the standardized solutions and practical approaches for provision of end-to-end QoS. In that manner it will cover QoS parameters as defined by the ITU and QoS for data (i.e., Over-The-Top services) and mobile services. Finally, the course will address network neutrality, Internet KPIs (Key Performance Indicators) and their measurements.

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 <http://academy.itu.int/>.

This course is targeted at managers, engineers and employees from regulators, government organisations, telecommunication companies and academia, who are interested in understanding, implementation and regulation of Security and QoS in Internet Network, including technologies, standardization, regulation and content. Other institutions and individuals that are dedicated in building their capacity related to Security and QoS in Internet Network are also welcome to participate.

Registration should be made online at the aforementioned link no later than **26 August 2019**. Payment details are specified in the training course outline.

Mr. Jaroslaw Ponder, Head of the ITU Office for Europe, is at your full disposal should you require any additional information.

We look forward to your active participation in this training course.

Yours faithfully,

[Original signed]

Doreen Bogdan-Martin
Director