**Telecommunication
Development Bureau (BDT)**

Ref.:   BDT/EUR/DM/103   4 June 2019

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

Subject: **ITU Centres of Excellence face-to-face training course on CODATA/RDA Research Data Science Summer School, 12-16 August 2019, Trieste, Italy**

Dear Sir/Madam,

I am pleased to invite your organization to participate in the face-to-face training course on **"CODATA/RDA Research Data Science Summer School"** to be held in **Trieste, Italy, on 12-16 August 2019**. This training is organized jointly by the International Telecommunication Union (ITU) and the International Centre for Theoretical Physics (ICTP) as part of the IoT and Big Data and Statistics programme under the auspices of the ITU Centres of Excellence for Europe. The training will be delivered in English.

This training course aims to introduce selected topics from research data science and includes hands-on exercises provided to develop/build a range of data related skills and competence including data analysis techniques. Topics to be covered include data visualization: machine learning; artificial neural networks and using High Throughput Computing (HTC) and cloud computing platforms for data analysis.

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/.

The course is targeted at electrical engineers, telecommunications engineers, professionals and scientists, regulators, telecom operators and networks operators interested in hands-on learning of data science techniques, data management and analysis. It is also of interest to anyone seeking to understand and exploit the benefits obtainable from applying data science. Basic knowledge of the Linux computer operating system and R-programming language is required.

Registration should be made online at the aforementioned link no later than 12 July 2019. Payment details are specified in the course outline.

Dr Clement Onime (e-mail: onime@ictp.it) and Mr Jaroslaw Ponder, Head of the ITU Office for Europe (e-mail: eurregion@itu.int), are at your full disposal should you require any further information.

Additional information on this training course, such as an information note for participants, including a list of recommended hotels, is available at the ITU Academy portal at http://academy.itu.int/.

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

Yours faithfully,

[Original signed]

Doreen Bogdan-Martin
Director