



## **Programme**

### **Part I – Procedures on Conformity Assessment and Interoperability Regimes (20-21 April 2015, 2 days in the class)**

- ITU C&I Programme: the 4 Pillars, status of the Action Plan implementation;
- Key activities and main ITU outcomes which are related to the implementation of ITU C&I Programme (Pillar 1 and 2)
  - Living lists of key technologies/Recs. which are suitable for C&I
  - Pilot projects on C&I
  - Testing events
  - New ITU-T test specifications (IMS-NNI, NGN-UNI, etc.)
  - Collaboration strategy on C&I activities between interested parties and ITU
- ITU Guidelines and Feasibility Studies
- Procedures to establish C&I Regimes (Pillar 3 and 4):
  - Definitions and conformity assessment schemes: certification, declaration of conformity, etc.;
  - Telecommunications Act provisions: placing products in the market; institutions rights and responsibilities;
  - Query for new products acceptance;
  - Issuing and validating a Certificate of Conformity and homologation;
    - Practical example of a complete query for mobile;
  - Import procedures for testing proposals;
  - Real examples of Conformity Assessment workflow from the international experience;
  - Defining a list of ICT equipment and reference standards for conformity assessment;
  - Harmonized technical requirements in a region or sub-region;
  - Recognizing certification bodies, laboratories and test reports;
  - Mutual Recognition Agreements benefits;
  - Enforcement and market surveillance.
- Participant's presentations on the Conformity Assessment of ICT products of their respective countries. (Procedures on certification, declaration of conformity, etc.)

### **Part II – Type Approval Testing for Mobile Terminals (22-24 April 2015, 3 days in the laboratory):**

The participants will follow testing sessions prepared and executed at the Mobile test lab in order to familiarize with the practical aspects related to the tests

- Overview on IMT technology and standards;
  - EMC requirements;
  - Electromagnetic Field measurements : Protocols and Procedures
- Embedded technologies on mobiles: GSM, IMT, Wi-Fi, Bluetooth, etc.;
- SAR measurements;
- Safety requirements;
- Instruments and devices for testing and measurement;
- Equipment Under Test (EUT) configuration;
- Test uncertainty;
- Aspects regarding accreditation of Labs according 17025;
- Quality of service assessment on current mobile networks.