



**Telecommunication
Development Bureau (BDT)**

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Geneva, 12 February 2013

To: ITU Administrations, Regulators, Sector Members, Associates and Academia Members, Telecom Operators and Service providers, Manufacturers and Academic Institutions of the Arab region

Subject: Training Course on Conformance and Interoperability Testing, 2-6 April 2013, Tunis (Tunisia)

Dear Sir/Madam,

I have the pleasure to inform you that the International Telecommunication Union (ITU) with the collaboration of the Centre d'Etudes et de Recherche des Télécommunications (CERT) based in Tunis , is organizing a **Training Course on Conformance and Interoperability Testing in the premises of Lab of CERT, 2-6 April 2013.**

Discussions will be held in French, English and Arabic.

Please note that there are no participation fees for the training. Travel arrangements and accommodation should be made and borne by the participating entity.

I invite you to visit our website (<http://www.itu.int/en/ITU-D/Technology/Pages/Events.aspx>) in order to obtain additional/detailed information, including logistics information (hotels, visa, etc.) and other relevant material.

The Training Course is open to experts with the aim to conduct practical testing activities on Conformance and Interoperability. The training programme is attached (Annex 1) to this invitation letter.

In case you wish to take advantage from this training programme, please send us the names of your candidates by filling in and returning the attached form (Annex 2) to ITU-RO-ArabStates@itu.int, by **10 March 2013**, clearly indicating the duties of interest to the candidates and their background knowledge on Conformance and Interoperability issues. Candidates for the Training Course will be selected based on their duties and background knowledge of Conformance and Interoperability issues according to the number of positions that are available in the class.

I am also pleased to inform you that partial fellowships will be awarded based on available funding to facilitate participation from Least Developed (LDC) or Low Income Developing Countries (LIC) to the Training Course. Application for Fellowship, limited to one person per country, must be authorized by the relevant Administration of the ITU Member State. The fellowship request form, annexed to this letter as Annex 3 , should be returned to ITU not later than **10 March 2013**.

For any question please contact Ms. Rouda Alamir Ali, ITU Arab Regional Office, Cairo (Egypt), Tel: +202 3537 1777, Fax: +202 3537 1888, E-mail: rouda.alamirali@itu.int.

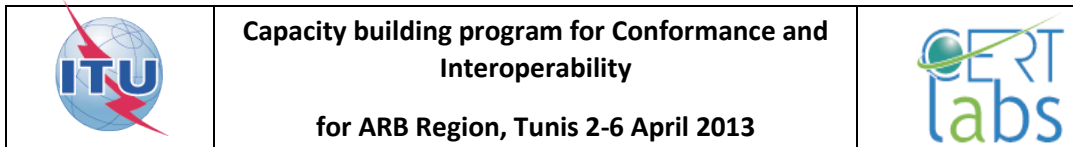
I very much hope that you will be able to participate and share your views and valuable experience with the participants, which will contribute to enrich the discussions and the outputs of the Training Course.

Yours sincerely,

[Original signed]

Brahima Sanou
Director

Annexe_1: Training Program



Theory and practical EMC and Radio training

Who should attend this training: regulators, administrations, test laboratories, compliance bodies

Entry requirements: Initiated to EMC theory

Description of the course:

Theory EMC directive and measurements

- New approach directives
- The EMC phenomena
- The EMC harmonized standards
- The EMC instrumentation and measures
- Case study for conformity document analysis
- Quality requirements for test laboratories and uncertainty measurement

Practical EMC measurements

- Reminder about EMC theory
- Overview of EMC instrumentation
- Emission tests in laboratory
- Immunity tests in laboratory

Regulatory requirements and practical Radio measurements

- Regulatory requirements for radio equipment: the R&TTE directive
- Essential requirements of the R&TTE directive
- Theory Radio measurements
- Practical Radio measurements

Proposed period for the course: 2 April – 6 April 2013

Expected Results:

- Capacity to analyze conformity document
- Be aware of what is required to prove compliance of a product
- knowledge about new approach directives
- Theoretical and practical basis for EMC measures and directive
- knowledge about ITU recommendations
- Master the Radio frequency instrumentation
- Understand the procedures for assessing the conformity of equipment incorporating radio modules
- Understand the essential requirements of R&TTE directive (Safety, Health, EMC, Spectrum management)
- Theoretical and practical basis for radio measures