



**Telecommunication Development Bureau (BDT)
Regional Office for Asia and the Pacific**

Ref. BDT/RO ASP/2015

6 June 2015

ITU Members, Regulators and Sector
Members in the Asia-Pacific Region

**Subject: ITU Asia-Pacific Centre of Excellence Training on "Conformity and Interoperability",
12-16 October 2015, Beijing, P. R. China**

Dear Sir/Madam,

I am pleased to invite your organization to participate in the face-to-face training on "Conformity and Interoperability" to be held in Beijing, P. R. China on 12-16 October 2015. This face-to-face training is organized jointly by the International Telecommunication Union and the China Academy of Information and Communications Technology as part of the Conformity and Interoperability programme under the auspices of the ITU Centres of Excellence for Asia-Pacific region. The training will be delivered in English.

The training course is designed to enhance strategic understanding of participants on ITU's Conformity and Interoperability Programme, implementation mechanism, Conformity Assessment Principles and to develop greater understanding of typical global certification system, Country Case Studies for C&I implementation and assessment. The training will enable participants to undertake and analyse of the test specification thereby reducing the digital divide and the Standardization Gap with focus on human resource and infrastructure capacity building.

Detailed information on this training is described in the training outline which can be downloaded from the ITU Academy Portal at the following link <http://academy.itu.int/>.

This training is targeted at ICT professional managers and engineers interested in learning conformity and interoperability of their test equipment to relevant standards. It is also targeted at ICT decision makers, managers, technical work for consumers, suppliers and operators. It is also of interest to anyone seeking to understand and exploit the benefits of Conformity and Interoperability, test specification, test items and test methodologies for mobile terminal, Packet Transport Network (PTN). Basic knowledge of a computer operating system and virtualization is required.

Registration for the training should be made online at the aforementioned link no later than 10 September 2015. The training course is offered free of charge.

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ITU Regional Office for Asia and the Pacific • 111 Chaengwattana Road • Bangkok 10210 • Thailand
Tel: +66 2575 0055 • Fax: +66 2575 3507 • E-mail: ituasiapacificregion@itu.int
<http://www.itu.int/en/ITU-D/Regional-Presence/AsiaPacific/Pages/default.aspx> • www.itu150.org

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Mr. Sameer Sharma, Senior Advisor, ITU Regional Office, Bangkok, is at your full disposal should you require any information.

Additional information on this training, 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/index.php/events>.

We look forward to your active participation and invaluable contribution.

Yours faithfully,



Ioane Koroivuki
Regional Director
ITU Regional Office for Asia and the Pacific

Annexures: 1-3



**ITU Asia-Pacific Centres of Excellence Training on
Conformity and Interoperability
12-16 October, 2015
Beijing, China**

Training Overview

Conformity with international standards such as ITU Recommendations is one of the core principles underlying the global interoperability of ICT networks, devices and services. The ITU Conformity and Interoperability (C&I) programme was initiated at the request of ITU's membership to enhance the conformity and interoperability of ICT products implementing ITU Recommendations or part thereof, solicit feedback to improve the quality of ITU Recommendations, and reduce the digital divide and the Standardization Gap by assisting developing countries with human resource and infrastructure capacity building. ITU has four pillars on C & I as follows:

- Pillar 1. Conformity assessment
- Pillar 2. Interoperability events
- Pillar 3. Capacity building
- Pillar 4. Assistance in the establishment of test Centres and C&I programmes in developing countries

Under the new ITU Centre of Excellence for Asia-Pacific on C & I, CAICT is committed to expanding the application of Conformity and Interoperability and building human and institutional capability in the region. The training course aims to cover the following:

- Strategic of ITU Conformity and Interoperability, Programme, Implementation
- Conformity Assessment Principles;
- Global C&I implementation and assessment;
- C&I implementation and assessment in China;
- Global and China's Certification System ,C&I Standard Body;
- PTN (Packet Transport Network) Interoperability Test;
- Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items;
- Hand on training in lab; and
- Field trip.

The training course is designed to enhance strategic understanding of ITU Conformity and Interoperability Programme, implementation mechanism, Conformity Assessment Principles. In addition, the training offers opportunity to develop greater understanding of typical global certification system, Country Case Studies for C&I implementation and assessment. The training will enable participants to undertake and analyse of the test specification, test items and test methodologies for mobile terminal, Packet Transport Network (PTN).

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Draft Agenda

12 October 2015 Day 1	
08:30 – 09:30	Registration
09:30 – 10:15	Opening Ceremony <ul style="list-style-type: none"> ▪ Mr. Sameer Sharma, Senior Advisor , ITU, Regional Office, Bangkok ▪ MIIT ▪ CAICT
10:15 - 10:30	Morning Break
10:30 – 12:00	Session 1 : Development and implementation of Conformity Assessment programmes <ul style="list-style-type: none"> ▪ Strategic of ITU Conformity and Interoperability, Programme, Implementation : ITU
12:00 – 14:00	Lunch Break
14:00 –15:00	Session 2: Conformity Assessment Principles <ul style="list-style-type: none"> ▪ Conformity Assessment Principles
15:00 – 15:15	Afternoon Break
15:15 – 17:00	Session 3: C&I in member countries <ul style="list-style-type: none"> ▪ C&I implementation and assessment in each country

13 October 2015 Day 2	
09:00 – 10:30	Session 4 : Telecommunications Equipment Approval in the EU, USA and some other examples <ul style="list-style-type: none"> ▪ Global C&I implementation and assessment
10:30 - 10:45	Morning Break
10:45 –12:00	Session 5: Mutual Recognition Agreements (MRAs) <ul style="list-style-type: none"> ▪ Mutual Recognition Agreements (MRAs)
12:00 – 14:00	Lunch Break
14:00 – 14:45	Session 6: C&I in China <ul style="list-style-type: none"> ▪ C&I implementation and assessment in China

Annex 1

14:45 – 15:30	Session 7: Standard Body of Telecom in China <ul style="list-style-type: none"> ▪ Introduction of China's standards organization, Scope, Technical Committee activities , International cooperation
15:30 – 15:45	Afternoon Break
15:45 – 16:15	Session 8-1: Global and China's Certification System <ul style="list-style-type: none"> ▪ Introduction of Typical global certification system (GCF, PTCRB, CTIA, etc.)
16:15 – 17:00	Session 8-2: Global and China's Certification System <ul style="list-style-type: none"> ▪ China's certification System for equipment (NAL)

14 October 2015 Day 3

09:00 – 10:15	Session 8-2: Global and China's Certification System <ul style="list-style-type: none"> ▪ China's certification System for equipment (NAL, CCC)
10:15 - 10:30	Morning Break
10:30 – 12:00	Session 9-2: PTN (Packet Transport Network) Interoperability Test <ul style="list-style-type: none"> ▪ PTN migration strategy
12:00 - 14:00	Lunch Break
14:00 – 15:00	Session 9-2: PTN (Packet Transport Network) Interoperability Test <ul style="list-style-type: none"> ▪ Review of ITU-T G.8113.1 OAM for MPLS-TP in PTN: Key features, functions specification, packet formats, etc. ▪ introduction of Test specification of Fault management (CC, RDI, LB, etc.) and Performance management(LM,DM) ▪ test items and test methodologies
15:00 – 15:15	Afternoon Break
15:15 – 17:00	Session 10-1: Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items <ul style="list-style-type: none"> ▪ Introduction of Test specification of Audio ▪ test items and test methodologies

15 October 2015 Day 4

09:00 – 10:00	Session 10-2: Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items <ul style="list-style-type: none"> ▪ Wireless Connectivity (Wifi, Bluetooth, etc.) ▪ test items and test methodologies
10:00 – 11:00	Session 10-2: Mobile Terminal Testing - Audio, Wireless Connectivity and Conformance items

Annex 1

	<ul style="list-style-type: none"> ▪ Conformance items (RF, Protocol, etc.) for mobile terminal ▪ test items and test methodologies
11:00 - 11:15	Morning Break
11:15 - 12:00	Session 11-1: Experiment in test lab <ul style="list-style-type: none"> ▪ Hands on training of Mobile terminal test in Lab with test instruments and test systems ▪ Wireless Connectivity (Wifi, Bluetooth, etc.)
12:00 - 14:00	Lunch Break
14:00 - 16:00	Session 11-2: Experiment in test lab <ul style="list-style-type: none"> ▪ Hands on training of Mobile terminal test in Lab with test instruments and test systems
16:30 - 17:00	Closing Ceremony <ul style="list-style-type: none"> ▪ Mr. Sameer Sharma, Senior Advisor , ITU, Regional Office, Bangkok ▪ MIIT ▪ CAICT

16 October 2015 Day 5

09:00 - 12:00	Visit User Center of Carriers or Vendors
12:00 - 17:00	Lunch Break and Field Visit



List of Trainers for the Training Course

1. Mr. Sameer Sharma, Senior Advisor , ITU, Regional Office
2. Mr. Keith Mainwaring, ITU Expert
3. Ms. Li Fu, CAICT, China
4. Mr. Lin Guo, CAICT,China
5. Mr. GaoXiong Yi, CAICT,China
6. Ms. ZhuoFang Li, CAICT,China
7. Ms. Nan Zhong, CAICT,China
8. Mr. JianWang, CAICT, China
9. Mr. DaBing Ling, CAICT, China
10. Mr. ShiZhuo Zhao, CCSA, China
11. Mr. JunFeng Zhao, CAICT, China
12. Ms. Fang Li,CAICT, China



ITU Centres of Excellence Network for Asia-Pacific
China Academy of Information and Communications Technology
Face-to-Face/eLearning Training on
Conformity and Interoperability
Beijing, China
12-16 October, 2015

REGISTRATION FORM

(Participation of women is encouraged)

(COMPLETE IN CAPITAL LETTERS AND TICK APPROPRIATE BOX)

<input type="checkbox"/> Mr. <input type="checkbox"/> Ms.	<input type="checkbox"/> Administration <input type="checkbox"/> Ministry <input type="checkbox"/> Telecom/ICT Agency <input type="checkbox"/> Regulator <input type="checkbox"/> <input checked="" type="checkbox"/> "Operator" <input type="checkbox"/> Other <input type="checkbox"/> Regional Organization <input type="checkbox"/> Academia <input type="checkbox"/> Other
Family name:	
Title:	
Personal contact details: Address: City: Country: E-mail: Tel.: (+ Country Code)..... Fax:	

Organization contact details:	
Name:	
Address:	
.....	
City:	Country:
E-mail:	
Tel. (+ Country Code).....	Fax:



ITU Centres of Excellence Network for [Asia]

China Academy of Information and Communications Technology

Training on Conformity and Interoperability

Beijing, China

October 12 to 16, 2015

INFORMATION NOTE

1. INTRODUCTION

Conformity with international standards such as ITU Recommendations is one of the core principles underlying the global interoperability of ICT networks, devices and services. The ITU Conformity and Interoperability (C&I) programme was initiated at the request of ITU's membership to enhance the conformity and interoperability of ICT products implementing ITU Recommendations or part thereof, solicit feedback to improve the quality of ITU Recommendations, and reduce the digital divide and the Standardization Gap by assisting developing countries with human resource and infrastructure capacity building.

Under the new ITU Centre of Excellence for Asia-Pacific on C&I, CAICT is committed to expanding the application of Conformity and Interoperability and building human and institutional capability in the region. The training course aims to cover the following:

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- Hand on training in lab; and
- Field trip.

The training course is designed to enhance practical understanding of ITU Conformity and Interoperability. Opportunity will be provided to participants to undertake and analyse of the test specification, test items and test methodologies for mobile terminal, Packet Transport Network (PTN).

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2. VENUE OF THE TRAINING

China Academy of Information and Communications Technology.

Add: HuayuanBei Lu 52#, Beijing, China

Tel: +86-10-62301515

3. COORDINATORS

<u>INSTITUTE COORDINATOR</u>	<u>ITU COORDINATOR</u>
Name: Mr. Li Zhi Email address: lizhi@caict.ac.cn	Name: Mr. Ashish Narayan Email address: ashish.narayan@itu.int

4. ON-SITE REGISTRATION AND WORKING HOURS

Venue: First Floor, Building B,
China Academy of Information and Communications Technology.
Dates: October 12, 2015
Time: 08:30-9:30

5. VISA FORMALITIES

It is the responsibility of each traveller to have a valid passport and the appropriate visa to China. Passports must be valid for at least 6 months beyond the date of departure from China and must have sufficient pages for visa stamps. Please contact your local Chinese embassy or consulate or refer to <http://www.fmprc.gov.cn/eng/> for more information regarding Chinese visas.

6. ACCOMMODATION

The organizer will book with the hotel, however, participants are requested to send their accommodation information before 12th August, 2015 via E-mail.

7. LIST OF PROPOSED HOTELS

Vision Hotel Beijing

Web: www.visionhotelbeijing.com

Tel: +86-10-62308899

Add: NO.39, Xueyuan Road, Haidian District, Beijing

Distance to the Event Venue: 5 Minutes by Walk

Center of Education Training, Beihang University (BUAA)

Tel: +86-10-82313975

Add: NO.35, Xueyuan Road, Haidian District, Beijing

Distance to the Event Venue: 10 Minutes by Walk

8. DETAILS OF ARRIVAL AND TRANSPORT

Participants will arrive at Beijing Capital International Airport (<http://en.bcia.com.cn/>) with international flights, and shall go to the hotel by themselves.

Taxi: The fare is about RMB120.

Subway: Take Airport Express at Terminal 3 or 2 to SanyuanQiao Station, transfer to Line 10 running counterclockwise to Xitucheng Station. Get off at Xitucheng Station and exit through Exit A to the hotel or Exit B to the CAICT.

Shuttle Bus: Take the Shuttle Bus heading for Zhongguancun, get off at XueyuanQiao. Take a taxi to the hotel or CAICT. You will be charged about RMB15.

9. CURRENCY

The official currency of China is RENMINBI (RMB). Because retailers generally do not accept other currencies, it is necessary for visitors to change foreign currency into RMB in order to make cash payments.

ATMs are widely available in Beijing and can only be used to withdraw RMB.

Foreign currency can be exchanged at the airport or banks in the city. Although some hotels do offer currency exchange services for guests, they often lack favorable rates and only deal with select currencies.

The exchange rate as of May17 is USD1 = RMB6.2.

The normal banking hours in China is between 9:00 am to 17:00 pm, from Monday to Friday.

Major credit cards such as MasterCard, Visa, American Express and JBC are generally accepted in China.

10. ELECTRICAL APPLIANCES

The standard electricity supply in China is 220 volts AC, 50Hz. Delegates are advised to bring along converters or adaptor for compatibility with the standard socket in China as shown below.



11. LANGUAGES

English will be used as the working language for all events.

12. SECURITY

It's quite safe living in Beijing, even walking out in late night. However, you are requested to take care of yourself from the thief and make sure you will have the receipt when taking a taxi in case leaving stuff in the car.

13. MEDICAL AND HEALTH

Participants are requested to have their medical insurance valid during the stay in China. The medical emergency call is 120/999.

Peking University Third Hospital is quite close to the hotel and CAICT.

Please contact the local secretariat if you need go there.

Generally, the water in hotels is not drinkable.

14. WEATHER

October in Beijing is very cool and dry, with big temperature differences between day and night. It still feels like summer in the afternoon during a sunny day, but may cool down to 3-4 °C (37-39

°F) quickly after a few days' rain. Corresponding to the Descent of Frost, one of the 24 seasonal segments, frost may appear at the end of this month. October is the transitional period from autumn to winter. At this time, foggy days may possibly occur after rain due to lack of wind, temperature inversion and high humidity. Long-sleeved shirt or T-shirt plus a light jacket or a knitted sweater is generally enough in early October. However, by the end of the month you may need to wear a thick jacket, and even an additional think woolen sweater.

15. INTERNET

Internet can be accessed in the hotel and event venue.