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| --- | --- | --- | --- | --- |
| ITU logo | | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | | Geneva, 22 March 2017 | |
| Ref: | **TSB Circular 16**  TSB Workshops/SP | | **To:**  - To Administrations of Member States of the Union;  - To ITU-T Sector Members;  - To ITU-T Associates;  - To ITU Academia | |
| Contact: | **Stefano Polidori** | |
| Tel: | +41 22 730 5858 | |
| Fax: | +41 22 730 5853 | |
| E-mail: | [tsbworkshops@itu.int](mailto:tsbworkshops@itu.int) | | **Copy:**  - To the Chairman and Vice-Chairmen of ITU-T Study Groups;  - To the Director of the Telecommunication Development Bureau;  - To the Director of the Radiocommunication Bureau | |
| Subject: | **ITU Workshop on TV and content delivery on Integrated Broadband Cable Networks Hangzhou, China, 26 May 2017** | | | |

Dear Sir/Madam,

1 I would like to inform you that an ITU workshop on **TV and content delivery on Integrated Broadband Cable Networks** will take place in Hangzhou, China on 26 May 2017. The workshop is collocated with the Study Group 9 (*Broadband cable and TV*) meeting (24-31 May 2017), details of which are in [TSB Collective Letter 1/9](https://www.itu.int/md/T17-SG09-COL-0001).

The workshop will open at 0930 hours. Participant registration will begin at 0830 hours at the venue entrance. Additional practical information about the meeting is set forth in **Annex A.**

2 Discussions will be held in English only.

3 Participation is open to any individual from a country that is a member of ITU who wishes to contribute to the work. The workshop especially targets cable operators, service providers, vendors, research institutions, academia, as well as international, regional and national SDOs, and other interested organizations. Participation at the workshop is free of charge.

4 The event aims to push the frontiers on content delivery for the integrated broadband cable telecommunication networks and provide an overview of recent cable technology trends and strategies.

The cable industry, including service providers and vendors, faces a rapidly evolving and highly competitive environment, which is mainly triggered by technological innovation and customer demand for high-definition and innovative television services that can captivate users by providing revolutionary experiences, such as virtual reality and augmented reality.

In this landscape, standards developing organizations (SDOs) are also required to move rapidly to keep up with these innovations and develop standards on new broadband and video technologies, which may eventually be adopted and deployed in products and services to meet customer demand.

5 The workshop aims to:

– share information on recent cable broadband and television technology trends;

– explore strategies to provide users with captivating viewing experiences;

– analyse current standardization activities and identify gaps;

– review key technical domains and identify priorities for future standardization;

– discuss how various standards bodies can work in concert to achieve these goals.

6 An exhibition will be organized during the workshop. Experts are invited to showcase recent research in the field of cable networks, which will interest and energize future standardization work. Exhibitors will be accepted on a first-come, first-serve basis, given the limited supply of exhibition space. Experts interested in exhibiting their work are requested to submit their application to exhibit before **15 April 2017**. The application form can be found on the workshop [webpage](http://www.itu.int/en/ITU-T/Workshops-and-Seminars/201705/Pages/default.aspx) and in **Annex C** below, and should be submitted to the host at [ouyangfeng@abs.ac.cn](mailto:ouyangfeng@abs.ac.cn) copying [tsbsg9@itu.int](mailto:tsbsg9@itu.int).

7 A draft programme of the workshop will be made available from the workshop [webpage](http://www.itu.int/en/ITU-T/Workshops-and-Seminars/201705/Pages/default.aspx). The workshop plans to cover the following topics:

a) Latest trends in cable television business and technologies.

b) Integrated services (TV, content and associated applications) delivery mechanisms and/or networks.

c) Innovative types of TV services, experiences and technologies, e.g., AR, VR, 3D, UHDTV (4k/8k), smart home, IoT).

d) Integrated smart terminals and/or related software.

e) Platforms for converged services for integrated broadband broadcast networks.

f) Planning, implementation and deployment of cable television systems, networks and services, particularly for developing countries.

8 Updated information relating to the workshop will be available on the event website at:   
<http://www.itu.int/en/ITU-T/Workshops-and-Seminars/201705/Pages/default.aspx>.

10 To enable TSB and the host country to make the necessary arrangements concerning the organization of the workshop, I should be grateful if you would register via the online form <http://itu.int/reg/tmisc/3000968> as soon as possible, but **not later than 11 May 2017. Please note that pre-registration of participants for workshops is carried out exclusively *online*.**

11 I would remind you that citizens of some countries are required to obtain a visa in order to enter and spend any time in China. **The visa must be requested at least four (4) weeks before the date of beginning of the workshop** and obtained from the office (embassy or consulate) representing China in your country or, if there is no such office in your country, from the one that is closest to the country of departure. Please see **Annex B** for an invitation letter and be aware that visa approval might cause delays so kindly make your visa request as soon as possible.

Yours faithfully,

Chaesub Lee  
Director of the Telecommunication  
Standardization Bureau  
 **Annexes: 3**

**ANNEX A**

**PRACTICAL INFORMATION**

(Please see an updated version of this practical information on the [workshop webpage](http://www.itu.int/en/ITU-T/Workshops-and-Seminars/201705/Pages/default.aspx))

## Meeting Venue

Zhejiang Hotel

Hotel Reservations: +86-571-87180808

Address: No. 278 Santaishan Road, Hangzhou, Zhejiang, China

<http://www.zhejianghotel.com/en/reservation.html>



## Transportation and site information

35 km to Xiao Shan International Airport; 10 km to the railway station; 20 km to the south railway station; 0 km to the West Lake.

## Passports and Visas

All foreign visitors entering China must have a valid passport. Visitors from countries whose citizens require a visa should apply for a visa at a Chinese Embassy or consulate as early as possible and well in advance of travel.

For an invitation letter, please see **Annex B**.

## Climate (end of May in Hangzhou)

Monthly average values for temperature and precipitation in Hangzhou are given in the table below:

|  |  |
| --- | --- |
|  | **May** |
| Average max temperature | 25http://www.travelchinaguide.com/images/c-words/degree.gifC / 77http://www.travelchinaguide.com/images/c-words/degree.gifF |
| Average minimum temperature | 17http://www.travelchinaguide.com/images/c-words/degree.gifC / 63http://www.travelchinaguide.com/images/c-words/degree.gifF |
| Average precipitation | 157 mm |

## Hotels

In addition to the hotel venue, Zhejiang Hotel (see item 1 above), other close hotels are:

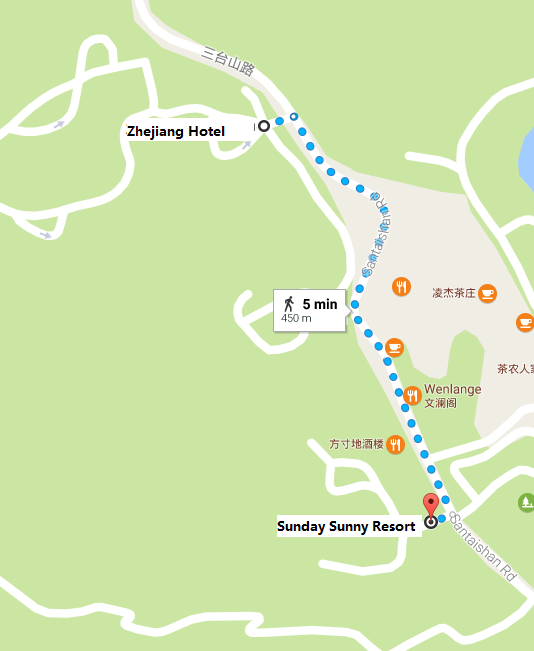
**5.1** Hangzhou Sunday Sunny Resort

<http://www.hzstsz-hotel.com>

Hotel Reservations: +86-571-87975888

Address: No. 200 Santaishan Road, Hangzhou, Zhejiang, China

The distance from Hangzhou Sunday Sunny Resort to the meeting venue is approximately 0.5 km.



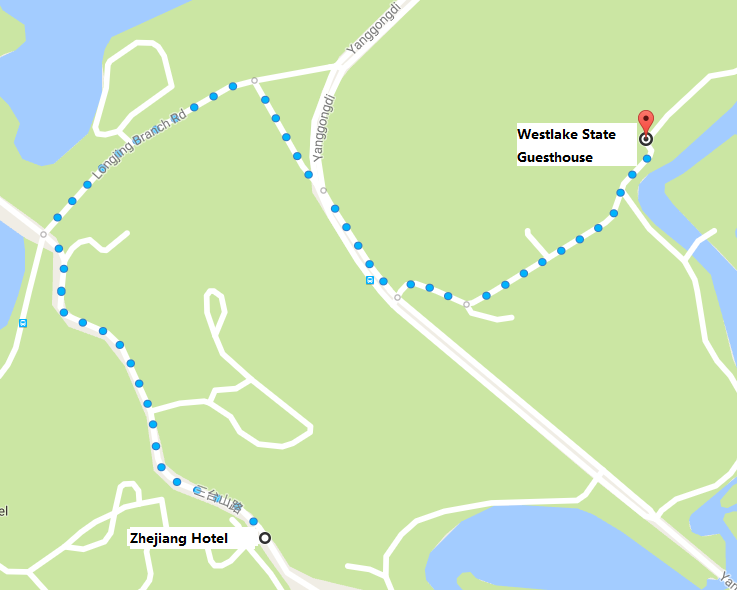
**5.2** West Lake State Guest Hotel

[http://www.xihusgh.com](http://www.xihusgh.com/Home/Index/1c7cb643-d2f7-4d1c-93bc-79fbff26c051)

Hotel Reservations: +86-571-87979889

Address: 18 Yanggongti Road, Hangzhou, Zhejiang, China

The distance from West Lake State Guest Hotel to the meeting venue is approximately 2 km.



## Internet access and wireless coverage at the venue

All meeting rooms will have a wireless network with access to the Internet. Every guest room offers high-speed Internet access free of charge. Internet access will be provided using the LAN technologies listed below:

Wireless via Wi-Fi: IEEE 802.11a/n on 5.2 GHz and 802.11g/n on 2.4 GHz.

## Technical assistance

In case you have any technical problem at the venue (e.g., connecting to Internet, finding meeting rooms, etc.) please contact for help:

Mr Luo Xinqi: +86 13588774554 [luoxq@wasu.com](mailto:luoxq@wasu.com).

## Electricity

The electricity in China is generally 220V, 50 Hz. Please make sure you have the proper adapter.

**** Chinese standard

Such sockets are common in China, Australia, New Zealand and many other countries.

## Currency exchange

The currency in China is the **RMB Yuan (￥)**, the exchange rate of US$ and RMB is around 6.878. Please check the currency exchange rate in the local bank system or use the following link as a reference: <http://www.xe.com/>

## Additional information

**10.1 Mobile phone:** GSM and CDMA, WCDMA, TD-SCDMA, TD-LTE services provided by China Mobile, China Unicom and China Telecom.

**10.2 Tipping:** Tipping is not necessary.

**10.3 Time zone**: GMT+8:00.

**10.4 Emergency number:** In case of emergency, please dial 110.

**10.5 Sightseeing:** For more information see <http://en.gotohz.com/>

## Contact person

Mr OUYANG Feng: +86 13511029034 ([ouyangfeng@abs.ac.cn](mailto:ouyangfeng@abs.ac.cn)).

# ANNEX B

**INVITATION LETTER REQUEST FORM**

All foreign visitors entering China must have a valid passport. Visitors from countries **whose citizens require a visa should apply for a visa at a Chinese Embassy or Consulate as early as possible and well in advance of travel.** You may need a letter of invitation from the Chinese host, which you will need to present to the Chinese Embassy/Consulate in your area in order to obtain your visa. The visa must be requested as soon as possible and at least one month before the start date of the meeting and obtained from the office (Embassy or Consulate) representing China in your country or, if there is no such office in your country, from the one that is closest to the country of departure. In order to obtain an invitation letter, please:

a) Complete the form below.

b) Provide an electronic copy of your passport (name, date of birth, nationality, passport number, expiration date of passport, etc., must be seen clearly).

c) Provide an electronic copy of any previous Chinese visas and records.

d) Send the information in a), b) and c) as email attachments to [gebing@abs.ac.cn](mailto:gebing@abs.ac.cn) and [ouyangfeng@abs.ac.cn](mailto:ouyangfeng@abs.ac.cn); please mark as reference in the subject **“Invitation letter request for** **ITU Workshop on TV and content delivery on Integrated Broadband Cable Networks  
Hangzhou, China, 26 May 2017”**.

(It is recommended to scan your passport so that it is discernible and can be used).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Company** |  | | | | |
| **Applicant Information** |  | | | **❒Mr ❒Miss ❒Ms ❒Mrs** | |
|  | | | **Date of birth :** | |
|  | | | **Place of Issue:** | |
| **Date of Issue:** | | | **Date of Expiry:** | |
| **Marital Status:** | | |  | |
| **If the country in which you will obtain your visa is different from your nationality, please indicate it here:** | | | | |
| **Address** | **Telephone Number:**  **Fax Number:**  **E-mail:** | | | | |
| **Note** |  | | | | |
| **Date of arrival in China** | |  | **Date of departure from China** | |  |

*(Please do not forget to attach a copy of your passport photograph page before sending.)*

***In order to receive an invitation letter, your request should reach the host before 24 April 2017.***

**ANNEX C**

**EXHIBITORS’ APPLICATION FORM**

**ITU Workshop on TV and content delivery on Integrated Broadband Cable Networks**

**(Hangzhou, China, 26 May 2017)**

***Note****: Please complete and return to* [*ouyangfeng@abs.ac.cn*](mailto:ouyangfeng@abs.ac.cn) *(cc:* [*tsbsg9@itu.int*](mailto:tsbsg9@itu.int)*) by* ***15 April 2017*** *to reserve a booth. Considering the limited space and options, all participants should provide their own computers and storage, and please keep them to a minimum.*

|  |  |  |
| --- | --- | --- |
| **Company name** | **Contact person including contact details** | **E-mail address** |
|  |  |  |

|  |  |
| --- | --- |
| **Type of equip. to be displayed** |  |

|  |  |  |
| --- | --- | --- |
| **Item(s) required** | **Description** | **Quantity** |
| Tables |  |  |
| Chairs |  |  |
| Flat screens |  |  |
| Network switch |  |  |
| Power supply |  |  |
| Space required |  |  |
| Panels |  |  |
| Power consumption expected for equipment: |  |  |
| Dimension, weight of equipment |  |  |
| Additional notes  (if any) |  |  |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_