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| itu_logo | **International telecommunication union****Telecommunication Standardization Bureau** |  |
|  | Geneva, 29 June 2018 |
| Ref: | **TSB Circular 100**TSB Workshops/SP | **To**: - Administrations of Member States of the Union;- ITU-T Sector Members;- ITU-T Associates;- ITU Academia |
| Contact: | **Stefano Polidori** |
| Tel: | +41 22 730 5858 |
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| E-mail: | tsbevents@itu.int  | **Copy to:**- The Chairmen and Vice-Chairmen of ITU-T Study Groups;- The Director of the Telecommunication Development Bureau;- The Director of the Radiocommunication Bureau |
| Subject: | **ITU/SAE joint workshop on “How Communications will Change Vehicles and Transport”, Detroit, MI, USA, 8-9 October 2018** |

Dear Sir/Madam,

I would like to inform you that [**SAE International**](https://www.sae.org/)and the **International Telecommunication Union (**[**ITU**](https://www.itu.int/en/Pages/default.aspx)**)** will convene a joint workshopabout ***“How communications will change vehicles and transport”*** from 8-9 October 2018 in Detroit, MI, USA, co‑located with the **SAE Symposium “*From*** [***ADAS***](https://www.sae.org/attend/adas) ***to Automated Driving”****,* 9‑11 October 2018.

The event will take place at:

***Cobo Center, Detroit, MI*** *(Room 260)*

*1 Washington Blvd., Detroit, MI 48226*

**1 Background**

Intelligent transport systems (ITS) and automated driving are fast moving toward widespread commercialization and market acceptance. High levels of automation – the penultimate step to fully automated driving – are expected on the road by 2020 and hold great promise to improve road safety, reduce congestion and emissions, and increase the accessibility of personal mobility.

Convergence of the automotive industry and the information and communication technology (ICT) industry is an ongoing process. Undoubtedly, this will provide new business opportunities and new scenarios to the benefit of the industry, as well as to consumers and government agencies. The society of the future requires innovative approaches to support a range of smart city solutions to eventually enable more intelligent transport systems and increased connectivity and mobility for urban dwellers.

The workshop on ***“How communications will change vehicles and transport”*** will be comprised of thought-leaders from the automotive industry, telecom service providers and network infrastructure communities to discuss current partnerships and opportunities within the ITS market, in addition to the impending regulatory environment, proposed technologies and consumer trends that will shape the future of the automotive experience.

The event will bring together representatives of the vehicle and ICT industries, academia, and governments to discuss the status and future of intelligent transport systems, from a technical and policy point of view.

The event starts in the afternoon of 8 October at 1300 hours with an opening ceremony followed by a high-level round table and will continue on 9 October from 0900 hours. Registration will start on 8 October from 1100 hours*.*

More information, including logistics and an updated programme, will be available online at: <http://itu.int/go/ITS-SAE/2018>.

**2 Registration and other logistical information**

To enable the host to make the necessary arrangements concerning the organization of these events, I should be grateful if you would register as soon as possible, but **no later than
6 September 2018**,at the following URL:

<https://www.eventbrite.com/e/itusae-international-joint-workshop-registration-47549250087>.

Participation is free of charge and open to ITU Member States, Sector Members, Associates, and Academic Institutions and to any individual from a country which is a member of ITU. This includes individuals who are also members of international, regional, and national organizations. No fellowships will be provided for this workshop. The discussions will be held in English only.

***IMPORTANT NOTE:*** *The attendees of the* ***ITU/SAE workshop*** *about* ***“How communications will change vehicles and transport”*** *can register at a special rate of $475USD for the co-located event* ***“From ADAS to Automated Driving”*** *from 9-11 October 2018. Original Equipment Manufacturers (****OEMs),*** *engineers, systems developers, R&D, management* ***and the entire supply chain will join together at “From*** [***ADAS***](https://www.sae.org/attend/adas) ***to Automated Driving” to stay abreast of the fast-changing landscape of*** *Assisted Driving Systems. Over two days, subject matter experts will address* ***the current state of the industry, examine the promises and shortcomings of current systems and analyse the potential of systems currently in development.*** *For more information and to register at the special discounted rate, please visit****:*** [*http://www.sae.org/adas*](http://www.sae.org/adas) *and click on “Register Now”. Enter the code “ITUADAS18” in the promotional code box at the top of the page to activate the discount.*

A list of **hotels** in proximity to the meeting venue and **other logistical information, including visa information**, can be found in [ANNEX A](#_ANNEX_B) below.

I would remind you that citizens of some countries are required to obtain a visa in order to enter and spend any time in the United States. The visa must be obtained from the office (embassy or consulate) representing the United States in your country or, if there is no such office in your country, from the one that is closest to the country of departure. Should you need an invitation letter, please see [ANNEX B](#_Annex_C_–) below.

Yours faithfully,

*(signed)*

Chaesub Lee
Director of the Telecommunication
Standardization Bureau

**Annexes:** 2

# ANNEX ALOGISTICS, VISA AND OTHER PRACTICAL INFORMATION

# ITU/SAE joint workshop on “How Communications will Change Vehicles and Transport”

# *(Detroit, MI, USA, 8-9 October 2018)*

# 1 Event venue

**Cobo Center, Detroit, MI (Room 260)**

Address: 1 Washington Blvd, Detroit, MI 48226

Tel.: +1 (313) 877-8777

Website: <https://www.cobocenter.com>

# 2 Hotels

Please find below our preferred hotel with a discounted room rate for ITU attendees. This hotel is located just in front of the Cobo Center in a very convenient location to attend the event:

***Crowne Plaza Detroit Downtown Riverfront***

*2 Washington Blvd*

*Detroit, MI 48226*

*Room rate $169*

To benefit from this rate please use the following [Booking Link](https://www.ihg.com/crowneplaza/hotels/us/en/detroit/dttnd/hoteldetail?qAdlt=1&qBrs=6c.hi.ex.rs.ic.cp.in.sb.cw.cv.ul.vn.ki.sp.nd.ct&qChld=0&qFRA=1&qGRM=0&qGrpCd=ADA&qIta=99801505&qPSt=0&qRRSrt=rt&qRef=df&qRms=1&qRpn=1&qRpp=20&qSHp=1&qSmP=3&qSrt=sBR&qWch=0&srb_u=1&icdv=99801505&setPMCookies=true).

# 3 Arrival and transportation

**3.1 Arrival**

Local airport: [Detroit Metropolitan Airport](https://www.metroairport.com/)

**3.2 Transportation to/from the airport**

Please see the transport information from the Airport website [here](https://www.metroairport.com/parking).

**- Taxi**

Metro Cars: (800) 456-1701

Metro Cab: (734) 997-6500

# 4 Visa – Formalities for entering the United States

For United States Visa information, please visit the following website: <https://travel.state.gov/content/visas/en.html>.

Should you need an invitation letter, please see [ANNEX B](#_Annex_C_–) below.

# 5 Currency exchange

The currency in the United States is the $ or USD. Businesses accept most major credit cards. Only United States Dollar (USD) is accepted at stores and restaurants.

# 6 Language

The official working language of the meeting will be English.

# 7 Climate

For more information on the climate, please visit the [Weather page](https://weather.com/weather/tenday/l/Detroit%2BMI%2BUSMI0229%3A1%3AUS).

# 8 Local time

Standard time zone: EDT.

# 9 Telecommunications

The country code for the United States is +1. The main frequency bands used in the United States of America in communications are GSM850, GSM1900, 3G (850/1900 and 1700/2100) and 4G (Verizon USA 4G, Sprint Clearwire WiMAX and T-Mobile 4G). For you to better understand what frequencies are used by what standard here is some data:

700MHz – this band is used with 3G and 4G technologies and 698-806MHz frequencies. It is planned to be used for GSM frequency in the future as well.

GSM800 – not exactly a GSM but SMR iDEN technology that uses 806-824MHz and 851-869MHz frequencies, though soon it may also be used for CDMA.

GSM850 – main cellular band in USA used with GSM, CDMA and 3G technologies. Uses 824-849MHz and 869-894MHz frequencies.

GSM1900, or PCS – secondary cellular band in USA used with the same GSM, CDMA and 3G technologies but with 1850–1910MHz and 1930–1990MHz frequencies.

AWS – used for 3G and 4G technologies on 1710–1755MHz and 2110–2155MHz frequencies.

BRS/EBS – used for 4G technology with 2496–2690MHz frequencies.

Although the main frequency band that was used in USA in the first place was 800MHz (AMPS), it is now replaced with GSM850 as the new primary cell phone call band.

# 10 Electricity

Mainly used in the USA, 2 pins, Type A (not grounded) and Type B (grounded) 15 A, almost always 100 – 127 V, and socket compatible with plug type A/B

  

Please be sure you have the right adapter.

# 11 Health and emergency

If you have any emergency, please dial 911.

# 12 Internet connectivity

Free WLAN will be available at the meeting venue (Cobo Center) and if you stay at the preferred meeting hotel, The Crowne Plaza, WiFi is complimentary in your room.

# 13 Contact

For any questions, please contact:

**Michael Ulf**SAE role: Event Manager
Phone: +1 724-772-4015
Mobile: +1 724-553-6000
E-mail: Michael.Ulf@sae.org

**Note:**
General information about the Detroit area: <https://visitdetroit.com/>

# Annex B – Invitation Letter Request Form

# Joint ITU/SAE Workshop on

# How Communications will Change Vehicles and Transport

***8-9 October 2018, Detroit, MI, USA***

To enter the United States for the meetings indicated above, you may need a letter of invitation from the host, which you will need to present to the Embassy/Consulate of the United States in your area in order to obtain your visa.

**In order to receive an invitation letter, your request should reach the host at the following
e-mail:** Michael.Ulf@sae.org **before 8 August 2018. Please**:

1. Fill out the Form below
2. Provide an electronic copy of your passport (name, date of birth, nationality, passport number, expiration date of passport, etc. must be clearly visible)
3. Send the info in a) and b) as e-mail attachments to **Michael Ulf** at Michael.Ulf@sae.org ; please indicate in the subject: ***“Joint ITU/SAE Workshop, 8-9 October 2018”***.

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

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| **Company** |  |
| **Applicantinformation** |  |  **❒ Mr ❒ Ms ❒ Mrs**  |
|  |  |
| **Date of birth :**  |  |
| **Is this your first visit to United States?** | **\_\_ Yes \_\_\_ No** |
| **If the country in which you'll obtain your visa is different from your nationality, please indicate it here:** |
| **Address** |  |
| **Place to visit after entry** | **In this case, it is Washington, DC by default.** |
| **Date of arrival in the United States** |  | **Date of departure from theUnited States** |  |

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