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|  | **International telecommunication union****Telecommunication Standardization Bureau** |  |
|  | Geneva, 24 October 2018 |
| Ref: | **TSB Circular 116**TSB Events/XY | **To:**- Administrations of Member States of the Union;- ITU-T Sector Members;- ITU-T Associates;- ITU Academia |
| Contact: | **Xiaoya YANG** |
| Tel: | +41 22 730 6206 |
| Fax: | +41 22 730 5853 |
| 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 Workshop on Artificial Intelligence, Machine Learning and Security** **(Geneva, Switzerland, 21 January 2019)** |

Dear Sir/Madam,

1 I would like to inform you that the **ITU Workshop on Artificial Intelligence, Machine Learning and Security** will take place at ITU headquarters, Geneva on 21 January 2019.

The workshop will take place one day before the next ITU-T Study Group 17 meeting to be held from 22-30 January 2019 at the same venue.

More details about the ITU-T SG17 meeting are available from ITU-T SG17 homepage at: <https://www.itu.int/en/ITU-T/studygroups/2017-2020/17/Pages/default.aspx>.

Participant registration for the workshop will begin at 0830 hours at the Montbrillant entrance on the day of the event. Detailed information concerning the meeting room will be displayed on screens at the entrances to ITU headquarters.

2 This workshop will be held in English only.

3 Participation in the workshop is open to ITU Member States, Sector Members, Associates and Academic Institutions and to any individual from a country that is a member of ITU who wishes to contribute to the work. This includes individuals who are also members of international, regional and national organizations. Participation in the workshop is free of charge but no fellowships will be granted for the workshop.

4 The workshop will focus on addressing three critical aspects: what is the relationship between AI/ML and security; how AI and ML can be utilized to improve the cyber defense capability; and which risks should be addressed to build on AI- and ML-empowered applications, especially what privacy risks should be considered. The workshop will:

- discuss the relationship between AI/ML and security/privacy;

- identify how AI/ML can be used to launch cyberattacks;

- identify use cases for incorporating AI/ML for security and trust;

- identify use cases for defining security and trust of AI/ML;

- identify requirements and capabilities for AI/ML-enabled security products and systems;

- identify security requirements and capabilities of AI/ML applications and services;

- share ongoing activities among relevant groups (especially ITU-T FG-AI4H, FG-ML5G, SG13, SG16; ISO/IEC JTC 1/SC 42; IETF; IEEE; OASIS; etc.) and industries; and

- identify ways forward for SG17 to undertake in its future standardization work, including potential new work items.

5 Information relating to the workshop, including the draft programme, will be available on the event’s website at the following address: <https://www.itu.int/en/ITU-T/Workshops-and-Seminars/20190121/Pages/default.aspx>. This website will be updated regularly as new or modified information becomes available. Participants are requested to check periodically for new updates.

6 Wireless LAN facilities are available for use by delegates in the main ITU conference room areas. Detailed information is available on the ITU-T website (<http://www.itu.int/ITU-T/edh/faqs-support.html>).

7 A number of Geneva hotels offer preferential rates for delegates attending ITU meetings, and provide a card giving free access to Geneva’s public transport system. A list of participating hotels, and guidance on how to claim discounts, can be found at: <http://itu.int/travel/>.

8 To enable TSB to make the necessary arrangements concerning the organization of the workshop, I should be grateful if you would register via the online form: <https://www.itu.int/net4/CRM/xreg/web/Registration.aspx?Event=C-00005320> as soon as possible, but **no later than 14 January 2019.** **Please note that pre-registration of participants for workshops is mandatory and carried out exclusively *online*. This workshop is free of charge and open to all.**

9 I would remind you that citizens of some countries are required to obtain a visa in order to enter and spend any time in Switzerland. **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 Switzerland in your country or, if there is no such office in your country, from the one that is closest to the country of departure.

If problems are encountered by **ITU Member States, Sector Members, Associates or Academic Institutions**, and at the official request made by them to TSB, the Union can approach the competent Swiss authorities in order to facilitate delivery of the visa, but only within the period mentioned of **four** weeks. Any such request should be made by checking the corresponding box on the registration form no later than four weeks before the event. Enquiries should be sent to the ITU Travel Section (travel@itu.int), bearing the words “**visa support**”.

Yours faithfully,

*(signed)*

Chaesub Lee
Director of the Telecommunication
Standardization Bureau