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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | FGAI4H-F-023-0A1 ([SG17-TD1447R2](https://www.itu.int/md/T17-SG17-180829-TD-PLEN-1447/en)) | |
| **ITU-T Focus Group on AI for Health** | |
| **Original: English** | |
| **WG(s):** | | | Plenary | Zanzibar, 3-5 September 2019 | |
| **DOCUMENT** | | | | | |
| **Source:** | | | Chairman SG17 | | |
| **Title:** | | | Proposed ITU Workshop on AI, ML and security | | |
| **Purpose:** | | | Discussion | | |
| **Contact:** | | Heung Youl Youm Soonchunhyang University Korea (Republic of) | | | E-mail: [hyyoum@sch.ac.kr](mailto:hyyoum@sch.ac.kr) |

**1 Title**

ITU Workshop on AI, ML and security

**2 Objectives**

The objectives are, but not limited to:

* to provide relationship between AI/ML and security;
* to identify some examples on how AI/ML can be used to improve security and trust;
* to identify how security and trust of AI/ML can be defined;
* to identity how AI/ML can be used to launch cyber-attacks;
* to identify use cases for incorporating AI/ML for security and trust;
* to identify use cases for defining security and trust of AI/ML;
* to identify requirements and capabilities for AI/ML enabled security products and systems;
* to identify requirements and capabilities of AI/ML enabled applications and services;
* to share on-going activities among relevant groups (especially for FG-AI4H, FG-ML5G, SG13, SG16, JTC 1/SC 42, IETF, IEEE, OASIS, and other fora) and industries; and
* to identify ways forward for SG17 to undertake in the future, including potential new work items.

**3 Time and Place**

The workshop is planned to take place in ITU headquarters in Geneva, one day before the 5th SG17 meeting in this study period; i.e., Monday 21 January 2019.

**4 Meeting Methods**

The steering committee should meet virtually using teleconference facilities.

**5 Steering Committee Members**

The SG17 chairman, as chairman of the steering committee, invites volunteers to help prepare for this workshop in the steering committee

**6 Proposed tentative program**

The tentative program including speakers is very initial idea for our considerations as in Annex A.

**Annex: A Tentative Program for ITU Workshop on AI, ML and security**

**08:30 - 09:30, Registration**

**09:30 - 09:45, Opening Remarks**

* Chaesub LEE, TSB Director
* Heung Youl YOUM, ITU-T Study Group 17 Chairman

**09:45 - 11:15,** **Session-1: Understanding current developments of AI, ML and security**

* Session chair TBD
* Session speakers TBD

**11:15 – 11:30, Coffee Break**

**11:30 – 13:00, Session-2: Use cases of AI, ML and security**

* Session chair TBD
* Session speakers TBD

**13:00 – 14:00, Lunch Break**

**14:00 – 15:30, Session-3: Requirements and capabilities for AI, ML and security**

* Session chair TBD
* Session speakers TBD

**15:30 - 15:45, Coffee Break**

**15:45 – 17:15, Session-4: Panel discussion – Future directions for standardization activity**

* Session chair TBD
* Session panellists TBD

**17:15 – 17:30, Closing**

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