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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | TSAG-TD080 |
| TSAG |
| **Original: English** |
| **Question(s):** | | N/A | | Geneva, 12-16 December 2022 |
| **TD (Ref.:** [SG13-LS1](http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00001.docx)**)** | | | | |
| **Source:** | | ITU-T Study Group 13 | | |
| **Title:** | | LS/i on New Joint Coordination Activity on Machine Learning (JCA-ML) [from ITU-T SG13] | | |
| **LIAISON STATEMENT** | | | | |
| **For action to:** | | | TSAG | |
| **For information to:** | | | ITU-T SG2, SG3, SG5, SG9, SG11, SG12, SG15, SG16, SG17, SG20 | |
| **Approval:** | | | ITU-T Study Group 13 meeting (Geneva, 11 July 2022) | |
| **Deadline:** | | | 25 August 2022 | |
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A new liaison statement has been received from SG13.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00001.docx>.

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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | **SG13-LS1** |
| **STUDY GROUP 13** |
| **Original: English** |
| **Question(s):** | | All/13 | | Geneva, 11 July 2022 |
| **Ref.: SG13-TD22-R1/PLEN** | | | | |
| **Source:** | | ITU-T Study Group 13 | | |
| **Title:** | | LS on New Joint Coordination Activity on Machine Learning (JCA-ML) [to TSAG and All ITU-T Study Groups] | | |
| **LIAISON STATEMENT** | | | | |
| **For action to:** | | | TSAG | |
| **For information to:** | | | ITU-T Study Groups 2, 3, 5, 9, 11, 12, 15, 16, 17 and 20 | |
| **Approval:** | | | ITU-T Study Group 13 meeting (Geneva, 11 July 2022) | |
| **Deadline:** | | | 25 August 2022 | |
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| **Abstract:** | This LS/o requests the TSAG (and its management team) to accelerate the review and endorsement of the new JCA-ML initiated by the SG13 on 4 July 2020. |

Operating as a Lead Study Group on machine learning (per the WTSA-20 Resolution 2), SG13 agreed on 4 July 2022 to initiate a new Joint Coordination Activity on Machine Learning (JCA-ML) under the Terms of Reference, which are attached to this liaison statement. The management team consists of Dr Kangchan Lee, ETRI, as Chairman, and Mr Marco Carugi, Huawei China, as Vice-chairman.

In view of the need in coordination of the machine learning standardization efforts within ITU-T, importance of this technical area to the industry, interest and investments to this area of technology and proposed inaugural meeting of the new JCA-ML in November 2022 (alongside SG13 activities in Geneva), SG13 asks TSAG (and its management team) to accelerate the review and endorsement of the new JCA.

SG13 appreciates the future efforts of TSAG in line with this request and will be grateful to receive the feedback from TSAG as soon as practicable.

**Action for TSAG:** TSAG is requested to review, possible to comment and endorse the new JCA-ML.

Attachment:

* Terms of Reference of the JCA-ML

Attachment **Terms of Reference for Joint Coordination Activity on Machine Learning (JCA-ML)**

**I.1 Scope**

The scope of JCA-ML is the coordination of the ITU-T work programme on applications of machine learning and its related standardization work for telecommunications/ICTs. JCA-ML seeks cooperation and collaboration from external standards development organizations, consortia, forums, and academia studying ML applications and their relevant works. The JCA-ML operates under the terms of clause 5 (Joint coordination activities) of Recommendation ITU-T A.1.

**I.2 Objectives**

The objectives of JCA-ML are as follows:

1. The JCA-ML ensures that the ITU-T work programme on applications of machine learning and its related standardization work for telecommunications/ICTs is progressed in a well-coordinated manner among all ITU-T study groups and their relevant Questions.
2. Whenever duplication of effort or planning issues are discovered, the JCA-MLs reports this to the parent study group to **coordinate all activities** with other relevant study groups.
3. The JCA-ML considers and encourages possibilities of **cooperation and collaboration** on applications of machine learning with relevant groups such as ISO/IEC JTC 1/SC 42, ISO/IEC JTC 1/SC 29, IEEE, Khronos Group, W3C, etc. as well as open-source communities where ML applications experts eagerly participate and contribute.
4. The JCA-ML periodically reviews the roadmaps in ITU-T (e.g., Artificial Intelligence Standardization Roadmap [ITU-T Y.sup.aisr]) to collect relevant information of the on-going and published deliverables from ITU-T, other relevant standard development organizations, consortia and forums, including support to a gap analysis under its parent group.
5. The JCA-ML **considers the work of standards development organizations** consortia and forums for use in its coordination function and provides information on this work for use by the relevant study groups in their work.
6. To **facilitate internal coordination** within ITU-T, JCA-ML invites representatives of all ITU-T study groups and focus groups to its meetings.
7. To **foster external collaboration**, JCA-ML invites representatives from other relevant standards development organizations, regional/national organizations, consortia and forums to join the JCA.

**I.3 Administrative support**

ITU-T Telecommunications Standardization Bureau (TSB) provides the secretariat and facilities the operation of JCA-ML within its resource limits.

**I.4 Meetings**

The JCA-ML meets three times a year for considering timely updates and reports from different parties. JCA-ML will work electronically using teleconferences and with face-to-face meetings as needed. Meetings will be held as determined by the JCA-ML and will be announced to its participants and on the ITU-T website. Online and face-to-face meetings will usually occur concurrently with its parent group, SG13, and between parent group SG13 meetings.

**I.5 Parent group and progress reports**

The JCA-ML reports its activities to the Study Group 13, a group responsible for the JCA, at its meetings. Progress reports and proposals will be sent to relevant study groups as necessary in accordance with Recommendation ITU-T A.1, clause 5.7.

**I.6 Lifetime**

The continuation or closure of JCA-ML is to be reviewed by the end of 2024 or it can be terminated by the parent group according to clause 5.10 of Recommendation ITU-T A.1.

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