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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | TSAG-TD126 |
| TSAG |
| **Original: English** |
| **Question(s):** | | N/A | | Geneva, 12-16 December 2022 |
| **TD (Ref.:** [SG13-LS35](http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00035.docx)**)** | | | | |
| **Source:** | | ITU-T Study Group 13 | | |
| **Title:** | | LS/i on updates 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, 14 November 2022) | |
| **Deadline:** | | | 19 December 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-00035.docx>.

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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | SG13-LS35 |
| **STUDY GROUP 13** |
| **Original: English** |
| **Question(s):** | | All/13 | | Geneva, 14 November 2022 |
| **Ref.: SG13-TD67/PLEN** | | | | |
| **Source:** | | ITU-T Study Group 13 | | |
| **Title:** | | LS on updates on New Joint Coordination Activity on Machine Learning (JCA-ML) | | |
| **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, 14 November 2022) | |
| **Deadline:** | | | 19 December 2022 | |
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| **Abstract:** | This LS/o provides updates to TSAG and requests TSAG to review and endorse the new JCA-ML initiated by the SG13 on 4 July 2020 with the proposed updated Terms of Reference as found in attachment. |

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) and elaborated its Terms of Reference (ToR). The management team consists of Dr Kangchan Lee, ETRI, as Chairman and Mr Marco Carugi, Huawei China, as Vice-chairman.

From July 2022 meeting SG13 sent a request to TSAG to review, comment and endorse operation of the new JCA on machine leaning. Further to that communication SG13 became aware of the suggested updates to the Terms of Reference for the JCA-ML elaborated by the IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) (Cf [SG13-TD59-R1/PLEN](https://www.itu.int/md/T22-SG13-221114-TD-PLEN-0059/en)). At its plenary session of 14 November 2022 in Geneva, SG13 assessed the proposed changes and agreed to those.

With this communication SG13 would like to invite TSAG to review and endorse operation of the new JCA with the updated terms of reference as found in attachment.

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 with the Terms of Reference as attached to this communication.

Attachment:

* Terms of Reference of JCA-ML

**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. JCA-ML monitors the work programmes of other SDO’s to detect duplication and promotes the usage of terms and definitions in a manner consistent with existing standardized definitions in this area.
3. 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 groups.
4. 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, ISO/IEC JTC 1/SC 42, ISO/IEC JTC 1/SC 29, ISO/TC37, IEC TC 62, IEC SMB Advisory Committee on Information security and data privacy, IEC SMB Strategic Group 11, IEC SMB Strategic Group 12, IEEE, Khronos Group, W3C, etc. as well as open-source communities where ML applications experts eagerly participate and contribute.
5. 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.
6. 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.
7. To **facilitate internal coordination** within ITU-T, JCA-ML invites representatives of all ITU-T study groups and focus groups to its meetings.
8. 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.