

Meeting Minutes

Topic: IEEE Consumer Technology Society (CTSoc) - Machine Learning, Deep Learning and AI in CE (MDA) Technical Committee

Date: 13-Apr-2023

Duration: 40 minutes

Agenda:

- Presentation of the Committee officers
- 2. Current picture of the Committee
- 3. Next actions for Committee promotion
- 4. Next conferences
- 5. Other issues (proposals from the meeting participants)

Proceedings:

- The meeting was called to order by Prof. Paolo Napoletano, who introduced himself as the Chair of the committee. He then proceeded to introduce the Vice Chair, Prof. Alex and the Secretary, Prof. Piran. Both officers also introduced themselves.
- Prof. Paolo then explained the duties of each officer, emphasizing their importance in the success of the committee. He then presented the current picture of the committee, including its mission and objectives. A graph was presented showing the statistics of the members along with their nationalities. It was requested by the chair that the members encourage their colleagues to join the committee.
- Next, the current available positions were explained in detail along with their responsibilities, and the members were encouraged to take part in their desired liaison. There was some discussion about the frequency of meetings, and a member requested to increase the number of meetings per year.
- Several requirements for being a member were explained, including achievements, research record, patents, experience in conference organization, editorial members, being post-doc and professor, etc.
- Detailed explanation was presented about how to apply to be a member or be a part of corresponding conferences.

The meeting ended with a question-and-answer session, in which members were able to clarify any doubts they had.

Actions:

- Members to encourage their colleagues to join the committee;
- Apply for available positions in the committee;
- Increase the frequency of meetings per year.

Conclusion:

- The first meeting of the IEEE Consumer Technology Society (CTSoc) - Machine Learning, Deep Learning and AI in CE (MDA) Technical Committee was a success, with a detailed presentation of the current state of the committee, the responsibilities of the officers, and the requirements for membership. The members were encouraged to participate in the committee and to promote it to their colleagues. The committee looks forward to the next meeting and to the success of its mission and objectives.

IEEE Consumer Technology Society (CTSoc)

Machine learning, Deep learning and AI in CE (MDA) Technical Committee

First Committee Meeting
2023 April 13th

Paolo Napoletano, MDA Chair
paolo.napoletano@unimib.it



Meeting agenda [estimated time 45 mins]

- ❑ The agenda of the meeting is as follows:
 1. Presentation of the Committee officers [5mins];
 2. Current picture of the Committee [5mins];
 3. Next actions for Committee promotion [5mins];
 4. Next conferences [2mins];
 5. Other issues (proposals from the meeting participants) [5mins].

Committee Officers 2023-2024



Chair

[Paolo Napoletano](#), University of Milan-Bicocca, Italy



Vice Chair

[Alex James](#), Digital University Kerala, India



Secretary

[Jalil Piran](#), Sejong University, South Korea

Committee Officers 2023-2024

Chair

[Paolo Napoletano](#), University of Milan-Bicocca, Italy

- **Represents** the TC on the TCB, and reports on the TC activities.
- Provides **guidance** and **direction** to TC members in the conduct of their **responsibilities**.
- Appoints **Chairs** of **Subcommittees** and SIGs, as necessary (subject to approval by the TCB Chair).
- **Calls** and **coordinates** the TC meetings.
- Prepares **material** to be presented to TC members.

Vice Chair

[Alex James](#), Digital University Kerala, India

- **Supports** the Chair on prescribed duties and **responsibilities**, plus acts on behalf of the Chair in the event of inability to do so.
- Help the Chair in **coordinating** the TC meetings and preparing the material to be presented to TC members.
- Collects and proposes information needed to keep the TC website up-to-date.

Secretary

[Jalil Piran](#), Sejong University, South Korea

- **Records** the minutes of the TC **meetings** and posts them on the TC website.
- Maintains the list of TC **members** and their action items, plus details for validating qualification as a TC member.
- Send **announcements** to the TC contact list or to other communication channels possibly available (respectively based on content purpose).

Current picture of the Committee

Mission and Objective (1/2) (see here <https://tinyurl.com/2p8rnpfw>)

- ❑ The MDA TC supports the IEEE CTSoc activities with respect to
 - ❑ machine learning (including deep learning) for **embedded devices with power and computing constraints.**

- ❑ The MDA TC is a **cluster of engineers, practitioners, technologists, scientists, and researchers from Industry and Academia** from around the world with the focus on attracting high-quality paper and journal submissions with respect to **edge-computing-related machine learning and establishing a well-renowned technical stream and conference track.**

Current picture of the Committee

Mission and Objective (2/2) (see here <https://tinyurl.com/2p8rnpfw>)

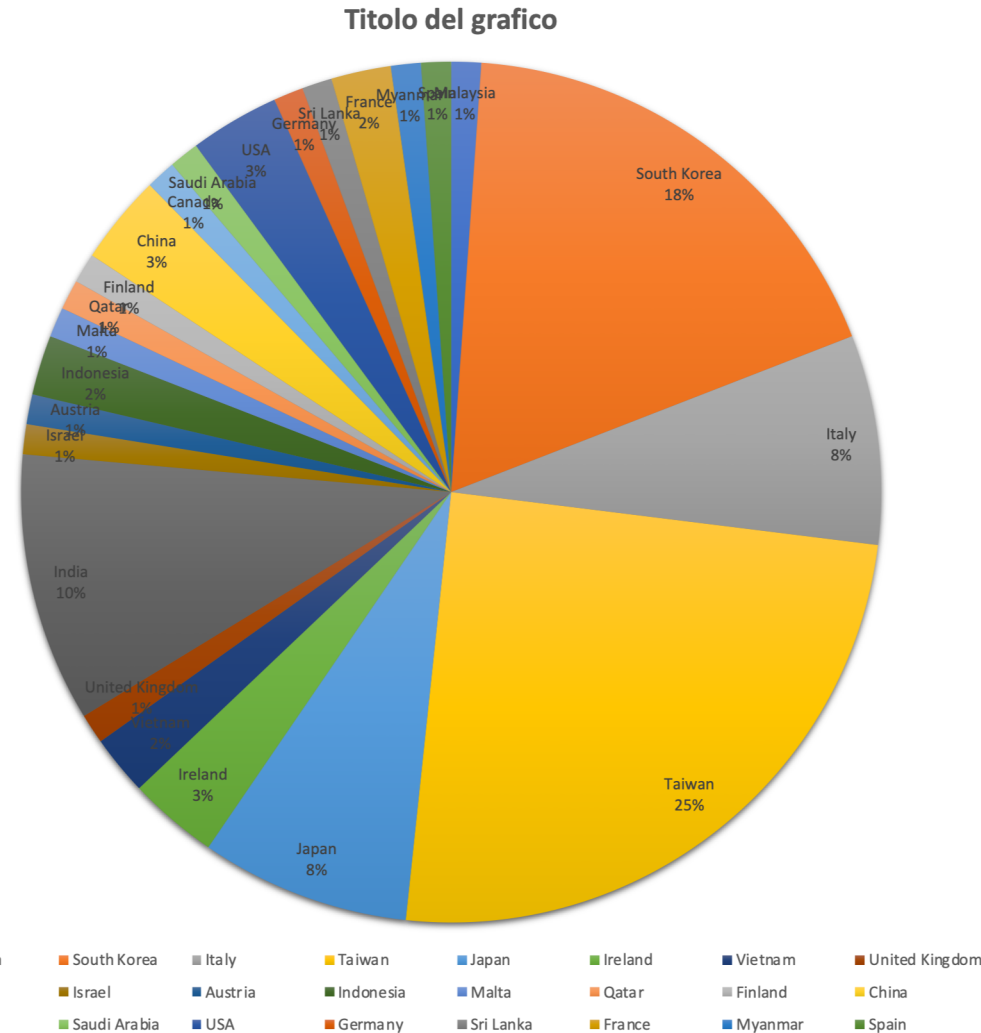
- ❑ The committee also assumes the proactive duty to recommend suitable candidates from MDA TC members to serve as:
 - ❑ Chairs and or Members of Technical Program Committees (TPC) of CTSoc Conferences (**ICCE-Las Vegas, ICCE-Berlin, ICCE-Taiwan, ICCE-Asia, GCCEJapan, ISCT, and GEM**).
 - ❑ EiCs, Associates Editors and Editors to CTSoc Publications (**IEEE Transactions on Consumer Electronics, IEEE ACCESS** Section for Consumer Technology Society (Open Access), **IEEE Consumer Electronics Magazine, News on Consumer Technology-NCT, CTSoc World Newsletter**).
 - ❑ **Distinguished Lecturers** and tutorials for CTSoc Education.
 - ❑ Members of **CTSoc Standards Committees** and **Working Groups**.

Current picture of the Committee

Size of the MDA TC

- ❑ The CTSoc has 15 TCs for a total of ~850 members
- ❑ The MDA TC has ~90 members from 24 countries
- ❑ We reach all members through a mailing list:

CTSOC-MDA@listserv.ieee.org



Current picture of the Committee

Size of the MDA TC

- ❑ The CTSoc has 15 TCs for a total of ~850 members
- ❑ The MDA TC has ~90 members

- ❑ It is our duty to:
 - ❑ TC Chairs will report periodically in the meetings of the TCB on the status of the membership and inform about unresponsive or inactive members and re-engagement efforts made to make them maintain their qualification for TC membership.

- ❑ Each TC shall hold at least two regular meetings per year (in-person or by teleconference), one around January, the other around June (i.e., close to the two TCB meetings that are preferably held in person). Other meetings shall be called whenever needed.

Current picture of the Committee

Positions available @ MDA TC

- Conferences Liaison: TBA
- Publications Liaison: TBA
- Education Liaison: TBA
- Standards Liaison: TBA
- Future Direction Liaison: TBA
- Industry Liaison: TBA
- Academia Liaison: TBA
- IEEE Societies/Councils Liaison: TBA
- Technical Sister Societies Liaison: TBA
- Student Competition Program: TBA

Current picture of the Committee

Positions available @ MDA TC

- Officers serving in these positions coordinate and report regularly with TC Chair, Vice-chair and Secretary in the implementation of their liaison role.
- To apply for one of these positions send an email to paolo.napoletano@unimib.it, a.james@duk.ac.in, piran@sejong.ac.kr by the end of April 2023.

Technical Committees – promotion

- **CTSoc membership** or **IEEE membership** is not required for being a **TC member**.
- Enrolment of new TC members is continuous and done through the TC Membership Application Form (MAF) on CTSoc website
 - The TC Officers
 - Periodically evaluate received applications
 - Mark them as accepted/not accepted
 - Notify the applicants about the outcome of the evaluation

TA Membership Application Form

To become a member of one of the 15 IEEE CTSoc Technical Committees (TCs), please fill in the form below.

Please note that, presently, one does not need to be an IEEE or CTSoc Member for being a member of a Technical Committee and take advantage of offered benefits. For more information on available opportunities, please check the [TC Outcomes and opportunities](#) page.

Please note also that, as per current version of [Policies & Procedures](#) regarding Technical Activities (TAs), even though it is possible to join more than one TC, active participation is required to maintain membership.

Data collected through the form will be used solely for the purpose of processing your application. Application will be reviewed by the Officers of the chosen TC, who will also be responsible for sending out notifications. In case of a positive outcome, data collected will be used by the Officers who are responsible for the handling of the TC and of communications with its members.

Technical Activities Form *

IEEE Consumer Technology Society Technical Committees

Date Submitted *

Committee:

Prefix: *

First Name: *

Technical Committees – Membership requirements

- **IEEE/CTSoc membership is not required for being a TC member**
 - Starting from January 1, 2023, however, to have the right to vote in the TC elections, to candidate for Officer positions, and to be nominated for (and then serve in) technical positions, a TC member shall also be a CTSoc member
- The **minimum requirements** for membership in a TC is **active, timely participation in the TC** by, e.g., assisting in the conduct of its business, participating in meetings, etc.
 - **Additional TC membership requirements may be set by the TC Board** and posted on the CTSoc website (these requirements shall be fair, objective, attainable, measurable, and easy to verify, and shall uphold IEEE Code of Conduct, including Ethics and Inclusivity practices); examples of objective and measurable requirements are minimum attendance to 75% of pre-scheduled meetings, completing assigned action items by the agreed deadlines, etc.

Technical Committees – Opportunities

- There will be opening in the next days regarding:
- ICCE Berlin 2023 (<https://www.icce-berlin.org/>)
- GEM 2023 (<https://ieeegem.org/>) .
- You will receive an email.

The screenshot shows the IEEE Consumer Technology Society (CTSoc) website. The top navigation bar includes links for IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites, along with Join IEEE and Sign In options. The main header features the CTSoc logo and a search bar. A secondary navigation bar lists: About, Membership, Awards, Conferences, Education Activities, Technical Activities (highlighted), Indust. and Stands., and Publications. The breadcrumb trail reads: Home / Technical Activities / TC Outcomes and Opportunities. The left sidebar menu includes: Technical Activities, Technical Committees (with a right-pointing arrow), Technical Activities Membership Application Form, and TC Outcomes and Opportunities. The main content area is titled 'Outcomes and opportunities' and contains the following text:

The 15 **Technical Committees (TCs)** support IEEE Consumer Technology Society (CTSoc)'s technical activities in the areas of conferences, publications, standards, education, history, and cross cutting initiatives in collaboration with other IEEE Society/Council Technical Committees and IEEE organizational units thanks to the great dedication of the officers and members of CTSoc TCs.

This page reports the major outcomes of these efforts, by also listing open opportunities for those willing to contribute.

For more information about the TCs and how to join them please visit the [TC Membership Application Form \(MAF\)](#) page.

TCs contribution to CTSoc Conferences

Periodically, TCs' officers are forwarding to their members calls for participation in the technical activities of CTSoc conferences. A list of open calls, if any, is reported below. Moreover, for closed calls, ways in which the TCs have been involved and outcomes achieved are also reported (chronologically, starting with the more recent). For

CTSoc creates opportunities
for TC members

Discussion Q&As

Thank you