

IEEE Consumer Technology Society (CTSoc)

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

Second Committee Meeting
2023 December 28th

Paolo Napoletano, MDA Chair
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Meeting agenda [estimated time 30 mins]

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

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>)

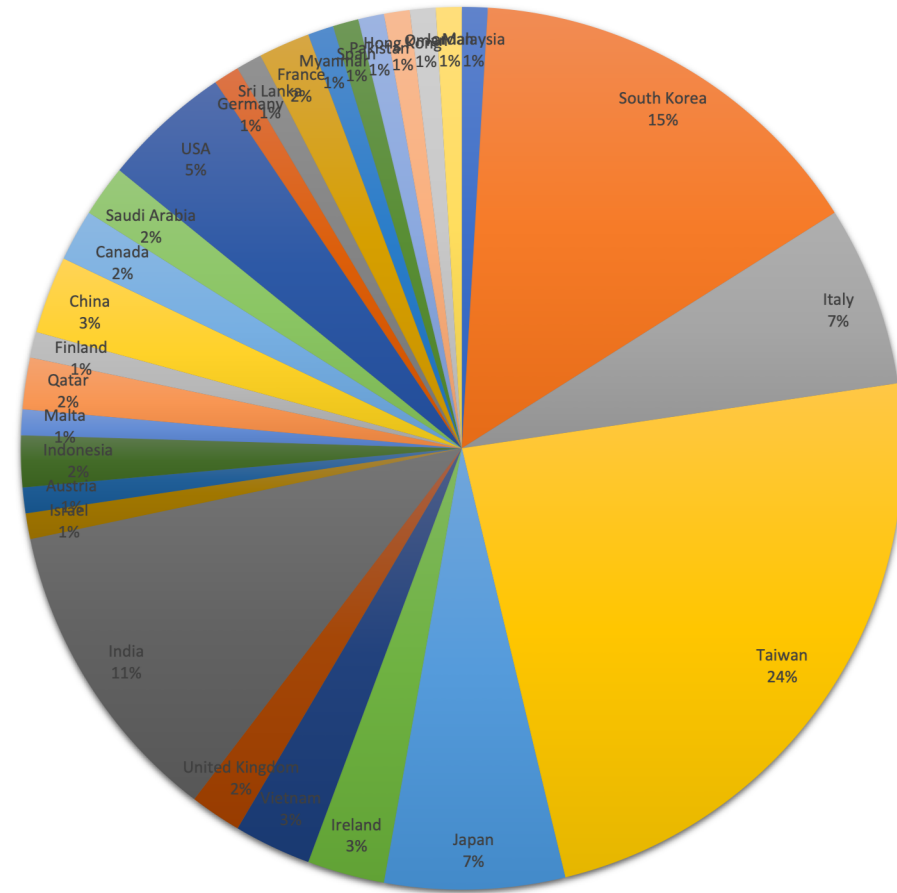
- ❑ The committee also assumes the proactive duty to recommend suitable candidates from MDA TC members to serve as:
 - ❑ Chairs and or Members of Technical Program Committees (TPC) of CTSoc Conferences (**ICCE-Las Vegas, ICCE-Berlin, ICCE-Taiwan, ICCE-Asia, GCCEJapan, ISCT, and GEM**).
 - ❑ EiCs, Associates 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 ~900 members
- ❑ The MDA TC has ~100 (+10 since last meeting) members from 28 countries
- ❑ We reach all members through a mailing list:
CTSOC-MDA@listserv.ieee.org

MDA Members' countries



Current picture of the Committee

Size of the MDA TC

- ❑ The CTSoc has 15 TCs for a total of ~900 members
- ❑ The MDA TC has ~100 (+10 since last meeting) 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: **Luigi Celona, University of Milano-Bicocca, IT**
- Publications Liaison: **TBA**
- Education Liaison: **TBA**
- Standards Liaison: **TBA**
- Future Direction Liaison: **TBA**
- Industry Liaison: **Danilo Pau, ST Microelectronics, IT**
- 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 January 2024.

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

■ Upcoming Conference

- GEM 2024 (<https://www.ieee-gem2024.org/>) .

Call for Papers

The **IEEE GEM 2024** conference brings together leading researchers, academics, and industry professionals to explore the realm at the intersection of consumer technologies, gaming, entertainment, media and arts.

GEM 2024 welcomes submissions from a wide range of research disciplines (from emerging technologies to art and humanities) in the following formats:

- Full Papers (4-6 pages)
- Short Papers (2-4 pages)
- Late-Breaking Works (2-4 pages + Interactive Demos and/or Videos ~5min)
- Workshop & Tutorial Proposals
- Special Session Proposals

Important dates

Full/Short Papers

Submission Deadline: *Jan 31, 2024*
 Notification: *March 12, 2024*
 Camera-Ready and Author
 Registration due: *April 1, 2024**

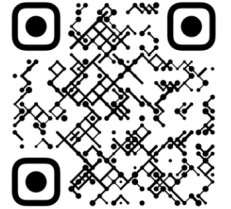
Workshop, Special Session and Tutorial Proposals

Submission Deadline: *Jan 22, 2024*

Late-Breaking Works

Submission Deadline: *March 22, 2024*
 Notification: *April 19, 2024*
 Camera-Ready and Author
 Registration due: *April 26, 2024*

*Early bird (discounted) registration ends on April 1, 2024



More Information:
www.ieee-gem2024.org
chairs@ieee-gem2024.org

Discussion Q&As

Thank you