Date: 19 April, 2022

# Minutes of IEEE CTSoc VAR TC Meeting #2.

**Date/Time/Location:**

The meeting was conducted on April 19, 2022, 10:00 EDT via Zoom.

**Chair and Facilitator**: Kousik Sankar R

**Vice Chair**: Yu-Cheng Fan

**Secretary and Note taker**: Alberto Cannavò

**Agenda**:

- Introduction
- Welcome to the participants by Technical Activities
- Technical committees
- Recruitment of New TC Members
- Liaison Positions
- Discussion, Q&As

**Discussion from the meeting**

- All the members presented themselves with details on the tech committees' formation
- Kousik Sankar updated all the members regarding the last changes that happened among the Officers of the VAR TC
- Yu-Cheng Fan reports information regarding the 15 Technical Committees, the updated Policies and Procedures (P&Ps), Objectives of the Technical Committees.
- Yu-Cheng Fan presented the new procedure for the Recruitment of New TC Members and the Liason Positions
- Yu-Cheng Fan reported the upcoming conferences
- Alberto Cannavò presented possible publications and resources available.
- Detailed discussion about the following topics took place:
    - Mechanisms to foster collaboration among the member of the VAR track. In this respect the following proposals were made:
        - Make available a folder to share resources and member information
        - Promote the VAR TC in the flagship conferences of the Consumer Technology Society.
        - Organize local initiatives (e.g., workshops, webinars, etc.) to attract the attention of the research groups
        - Create a new channel, e.g., based on social platforms like Discord or Slack, for enabling communication among the TC members.
    - Members proposed to engage industries and companies in the VAR TC activities

- Liaison positions expectations are discussed, and members proposed their candidature for some open positions.

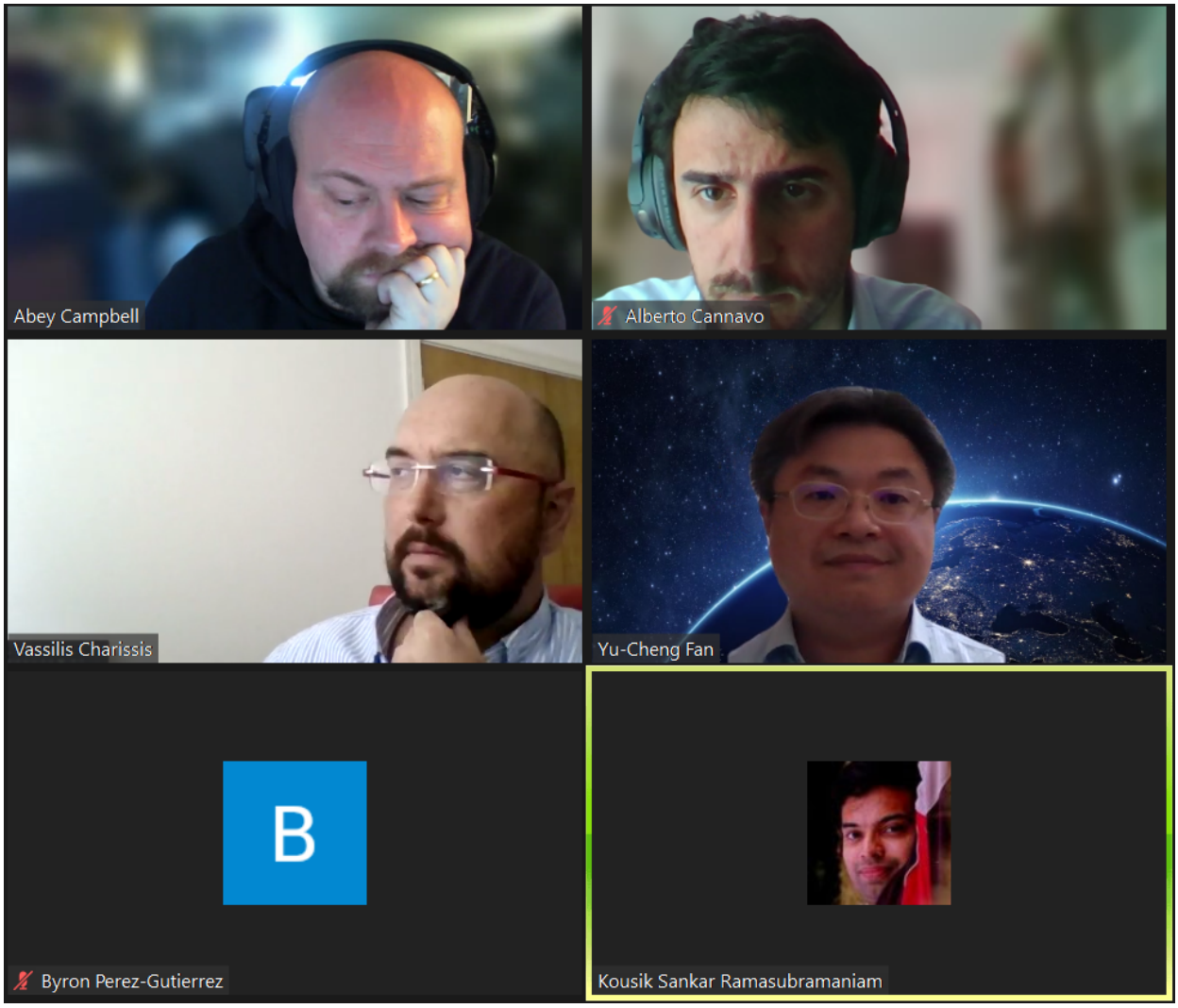


*Fig. 1 – A screenshot of the meeting that took place on 19 April, 2022*

*IEEE Consumer Technology Society (CTSoc)*

# CTSoc VAR Technical Committee

## Meeting with CTSoc VAR Technical Stream

April 19, 2022 (10:00 EDT)

Conference-Call Meeting on Zoom

**Kousik Sankar**
**Yu-Cheng Fan**
**Alberto Cannavò**

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# Agenda

- Welcome to the participants by Technical Activities
- Technical Committees
- Recruitment of New TC Members
- Liaison Positions
- CTSoc Conferences
- CTSoc Publications
- Discussion, Q&As

# Technical Committees

- Technical Committees (TCs) are established to promote technical activities in the fields of interest of the Society and to position the Society as the leading technical organization for consumer technology professionals. Currently, 15 TCs have been created.

- TC webpages https://ctsoc.ieee.org/technical.html

# Technical Committees

- **15 Technical Committees**
  - Application-Specific CE for Smart Cities (SMC)
  - Audio/Video Systems and Signal Processing (AVS)
  - Automotive CE Applications (CEA)
  - Consumer Power and Energy (CPE)
  - Consumer Systems for Healthcare and Wellbeing (CSH)
  - Entertainment and Gaming (ENT)
  - Human-Machine Interaction and User Experience (HMI)
  - Internet of Things, Internet of Everywhere and Edge Computing (IOT)

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# Technical Committees

- **15 Technical Committees**
  - Machine learning, Deep learning and AI in CE (MDA)
  - Quantum in Consumer Technology (QCT)
  - Security and Privacy of CE Hardware and Software Systems (SPC)
  - Sensors and Actuators (SEA)
  - Smartphone and Mobile Device Technologies (MDT)
  - Virtual Reality, Augmented Reality and Displays (VAR)
  - Wireless and Network Technologies (WNT)

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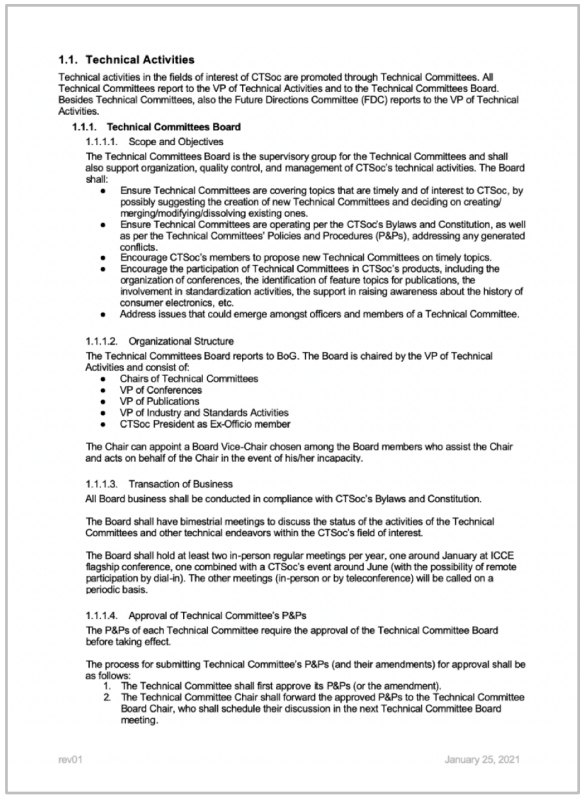
# Technical Activities P&Ps

- The responsibilities of the Technical Committees, Technical Committees Board, FDC and the VP of Technical Activities are included in the new version of the CTSoc Bylaws and Constitution
- Detailed **Policies and Procedures (P&Ps)** are illustrated in the section of CTSoc Operations Manual devoted to Technical Activities, motion passed on BoG meeting January 29-30, 2021



**1.1. Technical Activities**

Technical activities in the fields of interest of CTSoc are promoted through Technical Committees. All Technical Committees report to the VP of Technical Activities and to the Technical Committees Board. Besides Technical Committees, also the Future Directions Committee (FDC) reports to the VP of Technical Activities.

**1.1.1. Technical Committees Board**

1.1.1.1. Scope and Objectives

The Technical Committees Board is the supervisory group for the Technical Committees and shall also support organization, quality control, and management of CTSoc's technical activities. The Board shall:

- Ensure Technical Committees are covering topics that are timely and of interest to CTSoc, by possibly suggesting the creation of new Technical Committees and deciding on creating/ merging/modifying/dissolving existing ones.
- Ensure Technical Committees are operating per the CTSoc's Bylaws and Constitution, as well as per the Technical Committees' Policies and Procedures (P&Ps), addressing any generated conflicts.
- Encourage CTSoc's members to propose new Technical Committees on timely topics.
- Encourage the participation of Technical Committees in CTSoc's products, including the organization of conferences, the identification of feature topics for publications, the involvement in standardization activities, the support in raising awareness about the history of consumer electronics, etc.
- Address issues that could emerge amongst officers and members of a Technical Committee.

1.1.1.2. Organizational Structure

The Technical Committees Board reports to BoG. The Board is chaired by the VP of Technical Activities and consist of:

- Chairs of Technical Committees
- VP of Conferences
- VP of Publications
- VP of Industry and Standards Activities
- CTSoc President as Ex-Officio member

The Chair can appoint a Board Vice-Chair chosen among the Board members who assist the Chair and acts on behalf of the Chair in the event of his/her incapacity.

1.1.1.3. Transaction of Business

All Board business shall be conducted in compliance with CTSoc's Bylaws and Constitution.

The Board shall have bimestrial meetings to discuss the status of the activities of the Technical Committees and other technical endeavors within the CTSoc's field of interest.

The Board shall hold at least two in-person regular meetings per year, one around January at ICCE flagship conference, one combined with a CTSoc's event around June (with the possibility of remote participation by dial-in). The other meetings (in-person or by teleconference) will be called on a periodic basis.

1.1.1.4. Approval of Technical Committee's P&Ps

The P&Ps of each Technical Committee require the approval of the Technical Committee Board before taking effect.

The process for submitting Technical Committee's P&Ps (and their amendments) for approval shall be as follows:

1. The Technical Committee shall first approve its P&Ps (or the amendment).
2. The Technical Committee Chair shall forward the approved P&Ps to the Technical Committee Board Chair, who shall schedule their discussion in the next Technical Committee Board meeting.

rev01 January 25, 2021

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# Technical Committees

- New Technical Committees can be proposed (e.g., by CTSoc members), and existing Technical Committees may be merged, modified, or dissolved as necessary to ensure continued relevance and effectiveness
- Technical Committees may form Subcommittees and Special Interest Groups (SIGs)
- Each Technical Committee will have a **dedicated page on CTSoc website**, with information about officers, scope, P&Ps, membership information, and minutes of meetings held

# Technical Committees

- Objectives (detailed in the P&Ps)
  - Support CTSoc's technical activities in the areas of **conferences**, **publications**, **standards**, and **education**, and **history**
  - Investigate, evaluate, promulgate and foster current and emerging technologies and applications of interest to CTSoc
  - Create additional Technical Committees for technologies of interest to CTSoc and conduct periodic and special technical meetings as directed by the BoG
  - Support development of new cross-cutting initiatives in collaboration with other Technical Committees of CTSoc, and, as appropriate, with other IEEE Society/Council Technical Committees and IEEE organizational units
  - Define new areas of technology focus and encourage formation of new initiatives through the CTSoc's Future Directions Committee (FDC)

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# Technical Committees

- Objectives (**for conferences, see also present. by VP Publications**)
  - Invite qualified individuals from both industry and academia to consider joining the Technical Committees
  - Review and approve – as recommendations for approval by the SCSC and then BoG – the Call for Papers (CFP) of conferences
  - Support conferences by contributing papers and providing reviewers
  - Provide publicity for submission of papers and other participation in conferences
  - Recommend conferences' Technical Program Committee Chair(s)
  - Provide conference Track and Session Chairs
  - Collect proposals for the hosting of conferences as well as for academic and industry conference speakers

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# Recruitment of New TC Members

- The Membership Application Form is online on CTSoc webpage under Technical Activities: remember that one does not have to be CTSoc member to be a member of a TC

# Liaison Positions

- Liason Positions
- A number of positions are expected to be covered by each TC, see them e.g. (see next slide)

# Liaison Positions

- 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

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# Ways to Recognize Members' Service

- Suggestions received so far are invited papers, guest editorialships, discounts at conferences, ...

# Collaboration by Members

- Collect expressions of interest by members to prepare educational content (e.g. webinar) to be shared / streamed live on CTSoc channels (links with Educational activities)
- Members can give virtual talks – informal if needed, so we can exchange ideas/collaborate on research, and challenges faced etc.

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# CTSoc Conferences

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# CTSoc Conferences (Technical Co-Sponsored)

2022 International Conference on Consumer Electronics-Taiwan (ICCE-Taiwan)

**Dates:** July 6-8, 2022

**Venue:** Taipei, Taiwan

2022 Global Conference on Consumer Electronics (GCCE)

**Dates:** October 12-15, 2022

**Venue:** Japan

2022 International Conference on Consumer Electronics-Berlin (ICCE-Berlin)

**Dates:** September 2-6, 2022

**Venue:** Messe Berlin, IFA Fairgrounds

Berlin, Germany

2022 International Conference on Consumer Electronics-Asia (ICCE-Asia)

(South Korea)

2023 International Conference on Consumer Electronics (ICCE)

**Dates:** January, 6-8, 2023

**Venue:** Tuscany Suites and Casino

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2022 IEEE 11th Global Conference on Consumer Electronics

IEEE Advancing Technology for Humanity

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# GCCE 2022

October 18-21, 2022

Senri Life Science Center, Osaka, JAPAN

**2022 IEEE 11th Global Conference on Consumer Electronics** (GCCE 2022) is asking for submissions of technical papers for Oral, Demo!, and Poster presentations.

The IEEE GCCE 2022 will bring together top technical professionals from the consumer electronics industry and academia to exchange information and results of state-of-the-art work on systems, circuits, technologies, processes and applications!

**Student papers** and **WIE papers** are particularly encouraged.

Founder & Director
Tomohiro Hase, JP

Conference Chair
Triet Nguyen-Van, VN
Takako Nonaka, JP

Publication Chair
Wataru Uemura, JP

Conference Coordinator
Charlotte Kobert, US

## Call For Papers !

**Oral, Demo!, and Poster categories**

**Contact**
support@ieee-gcce.org
**For More Information**
www.ieee-gcce.org

**Organizational Sponsors**
(including pending application)

- The Institute of Electronics, Information and Communication Engineers
- The Institute of Electrical Engineers of Japan
- The Institute of Image Information and Television Engineers
- The Information Processing Society of Japan
- Game Amusement Society
- Japan Institute of Power Electronics
- Human Interface Society
- The Japan Ergonimics Society
- Japan Society of Kansei Engineering

**Patrons**

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**Important Date (updated)**

| | |
|---|---|
| Abstract Proposal for Organized Session | April 17, 2022 |
| 2-pages Review Paper Submission | May 29, 2022 |
| Notification of Acceptance | July 10, 2022 |
| Deadline of Early-bird Registration | July 31, 2022 |
| IEEE GCCE 2022 | October 18-21, 2022 |

Accepted and presented papers will be appeared in **IEEE Xplore** and the authors are encouraged to submit enhanced journal-quality papers to the **IEEE Transactions on Consumer Electronics**!

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# CTSoc Publications

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# CTSoc Publications

- List of transactions and journal:
  - IEEE Transactions on Consumer Electronics
  - IEEE ACCESS Section for Consumer Technology Society (Open Access)
  - IEEE Consumer Electronics Magazine
  - News on Consumer Technology (NCT) (https://ctsoc.ieee.org/publications/ctsoc-nct.html)
  - CTSoc World Newsletter (https://ctsoc.ieee.org/publications/ctsoc-newsletter.html )
  - CTSoc Digital Library (https://ieeexplore.ieee.org/Xplore/home.jsp)
  - CTSoc Resource Center (https://resourcecenter.cts.ieee.org/)

# CTSoc Publications

- To get more information, please visit the web page at https://ctsoc.ieee.org/publications.html or contact the VP of Publications Wen-Chung Kao.

# Discussion
# Q&As

Thank you