



Date: December 15, 2022

Minutes of IEEE CTSoc VAR TC Meeting #3.

Date/Time/Location:

The meeting was conducted on December 15, 2022, 3:30 pm CET via Zoom.

Chair and Facilitator: Kousik Sankar R

Vice Chair: Yu-Cheng Fan

Secretary and Note taker: Alberto Cannavò

Agenda:

- Organizational Structure
- Nomination and Election (N&E) Subcommittee
- Elections requirements
- Candidates for the officer positions
- Starting the election process
- Discussing the change of the TC name
- Discussion, Q&As

Discussion from the meeting

- Kousik Sankar R welcomed participants of the meetings and introduce the topics in the agenda.
- The chair of the VAR TC presented the Organizational Structure of the Technical Committee reporting the duties and responsibilities of the Chair, Vice-Chair and Secretary officers.
- Kousik Sankar R updated all the members regarding the need for elections in order to identify the new officer positions. He referred to the Instructions in the CTSoc Policies & Procedures (P&Ps) document available at https://ctsoc.ieee.org/images/CTSoc_PPs_v1.0_30Sep2022.pdf
- Kousik Sankar R introduced the Nomination and Election (N&E) Subcommittee.
- The members of the N&E Subcommittee briefly presented themselves
- All the candidates running for the Chair, Vice-Chair and Secretary positions presented themselves with details on their commitments with the VAR TC. More specifically.
 - Kousik Sankar Ramasubramaniam reported his experience in the first term as Chair of the VAR TC and proposed himself as a candidate for the Chair position
 - Ying-Ren Chien introduced himself by describing his current position as full prof. at National Ilan University in Taiwan. He talked about his experience as a senior member of IEEE and IEEE CT Soc. He served as Publication and Session chair in several CTSoc Conference. His mission is to advance the VAR TC by increasing the number of members, especially in the Asia and Taiwan region.
 - Alberto Cannavò reported about his affiliation to the CT Soc and VAR TC and his experience as secretary in the TC.

- Arun Shankar Kudana, as a member of the N&E subcommittee, presented the voting systems and provided members with practical instructions to express their votes
- Kousik Sankar R updated members regarding the proposal of updating the name of the TC. More specifically, he proposed to consider the keyword "Metaverse" in the name of the TC. After presenting the motivations (i.e., the fact that the Metaverse is becoming a hot topic and the strict connection between the scope of the TC and the Metaverse), he proposed to pass from the current Virtual Reality, Augmented Reality and Displays (VAR) to Virtual Reality, Augmented Reality and Metaverse (VAM).
- Abey Campbell expressed his agreement to the proposal of changing the name. Moreover, he suggested other members interested in the Metaverse to consider the GEM conference.
- Kousik Sankar R invited members to the discussion and ask for questions.
- Alberto Cannavò requested members to express their interest as candidates for the officer positions by December 15, 2022. Moreover, he invited the participants to vote before December 18, 2022, by using the Google Form that will be shared after collecting new applications.

IEEE Consumer Technology Society (CTSoc)

CTSoc VAR Technical Committee

Meeting with CTSoc VAR Technical Stream

December 15, 2022 (3:30 pm CET)

Conference-Call Meeting on Zoom

Kousik Sankar
Yu-Cheng Fan
Alberto Cannavò



Agenda

- Organizational Structure
- Nomination and Election (N&E) Subcommittee
- Elections requirements;
- Candidates for the officer positions;
- Starting the election process;
- Discussing the change of the TC name.
- Discussion, Q&As

Organizational Structure

- Each TC shall have at least three Officers, namely a Chair, a Vice-Chair, and a Secretary.
- Term for Chair, Vice-Chair and Secretary positions is two calendar years.
- For the First Term (January 1, 2021 – December 31, 2022), the Chair, Vice-Chair, and Secretary are invited or appointed by the CTSoc President or VP of Technical Activities.

Organizational Structure

- As for the Chair, Vice-Chair and Secretary positions (appointed for the First Term, then elected), the minimum duties and responsibilities are listed below:
 - Chair
 - 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.

Organizational Structure

– Vice-Chair

- 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

- 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).

Organizational Structure

- At present, the officers of the VAR TC are:



Chair: *Kousik Sankar R.*,
PES University, Svasthiya
Technologies Pvt Ltd, India



Vice Chair: *Yu-Cheng Fan*,
National Taipei University of
Technology, Taiwan



Secretary: *Alberto Cannavò*,
Politecnico di Torino, Italy

Organizational Structure

- After the first term, the new Officers will be elected by the TC members.
- All the TC Officers shall be TC members and CTSoc members;
- For more details, please refer to the Instructions from the CTSoc Policies & Procedures (P&Ps) available at:

https://ctsoc.ieee.org/images/CTSoc_PPs_v1.0_30Sep2022.pdf

Nomination and Election (N&E) Subcommittee

- A Technical Committee Nomination and Election (N&E) Subcommittee shall be formed in each TC to identify suitable candidates and oversee the election procedure.
- The members of the N&E Subcommittee:
 - have to be appointed by the TC Board;
 - needs to be TC members and CTSoc members in 2022
 - cannot candidate for TC Officer positions (cannot be in the election ballot)

Nomination and Election (N&E) Subcommittee

- The TC members who volunteered for the N&E Subcommittee are reported below:
 - Yu-Cheng Fan, National Taipei University of Technology, Taiwan
 - Arun Shankar Kudana, Continental AG's R&D center in Bangalore, India
 - Filippo Gabriele Praticò, Politecnico di Torino, Italy

Requirements for elections

- The following requirements for elections are in force:
 - For each elected office, there must be at least two candidates on the ballot. If there are not enough nominations, the N&E Subcommittee shall identify additional candidates.
 - Elected Officers shall not serve for more than two consecutive terms (or equivalently four years) in any position within the same TC.
 - A TC Officer is ineligible to serve concurrently as officer for more than one TC. A Technical Committee Nomination and Election (N&E) Subcommittee shall be formed in each TC to identify suitable candidates and oversee the election procedure.

Requirements for elections

- After each election, the N&E Subcommittee Chair shall prepare an Election Report that shall include:
 - A verbatim excerpt of the election process, including how the N&E Subcommittee members were selected.
 - When and where the election took place.
 - The roster of the N&E Committee.
 - The candidates for each office and how the candidates were selected for the ballot.
 - ...

Requirements for elections

- The method chosen for voting (in person, electronically, by teleconference, etc.).
- The list of members who voted in the election with a confirmation that they all satisfy the criteria for being a TC member.
- Name of the person preparing the ballot.
- The actual vote tally by candidate.

Requirements for elections

- The N&E Subcommittee deliberations and all the created documents shall be strictly confidential. Only the final list of candidates on the ballot shall be openly announced.
- The N&E Subcommittee Chair shall send the election report to the TCB within two weeks from the election. Election results shall be ratified when approved by the TCB, with notification to the TC Chair within four weeks after receipt of the Election Report. If the TCB does not approve the election results, the TC shall organize a new election.

Chair Candidate1: Kousik Sankar R.



Kousik Sankar Ramasubramaniam has 24+ years of technical experience in various companies like Philips, Hewlett-Packard, Cisco, HCL etc. In his last role, he was Director (Technology) at Ascendum Solutions. Currently he is the founder of a funded healthcare startup and a visiting faculty at the Centre for Innovation and Entrepreneurship at PES University teaching practical artificial intelligence / Deep learning.

His primary areas of expertise are digital video/imaging technologies like DVD, DVD+RW, Blu-ray Disc, portable music devices, HDD DVD recorders and associated formats. He has worked on a lot of Virtual Reality and Augmented reality projects for the Consumer Electronics domain. He has also filed a few patents and reviewed a lot of papers in Virtual and Augmented reality. He is a Senior Member of IEEE and is on the Technical Program Committee of various IEEE conferences including IEEE ICCE Las Vegas and IEEE ICCE Berlin. He is the co-founder and ex-Chairman of the IEEE Consumer Technology Society Bangalore Chapter. He is also the co-founder and Vice-Chair of the IEEE Robotics and Automation Society Bangalore chapter. He has presented multiple papers at various IEEE conferences. He is a tech mentor for startups at IIM Bangalore. He got his Master's degree from Indian Institute of Science in 1996. His hobbies are working out regularly at the gym and learning languages.

Vice Chair Candidate1: Ying-Ren Chien



Ying-Ren Chien (IEEE Senior Member) received the B.S. degree in electronic engineering from the National Yunlin University of Science and Technology, Douliu, Taiwan, in 1999, the M.S. degree in electrical engineering, and the Ph.D. degree in communication engineering from National Taiwan University, Taipei, Taiwan, in 2001 and 2009, respectively. Since 2012, he has been with the Department of Electrical Engineering, National Ilan University, Yilan, Taiwan. Since 2018, he is a Full Professor and Head of Department. Prof. Chien was also received excellent research teacher award (2018, 2022) and excellent teaching award (2021). Prof. Chien was listed the world's top 2% of top scientists through Scopus's paper influence data (2020, 2021 Science Impact Rankings). His research interests include adaptive signal processing theory, active noise control, machine learning, Internet of Things, and interference cancellation.

Secretary Candidate1: Alberto Cannavò



Alberto Cannavò received the B.Sc. degree from University of Messina, Italy, in 2013. He then received the M.Sc. and the Ph.D. degrees in computer engineering from Politecnico di Torino, Italy, in 2015 and 2020, respectively. Currently, he is an assistant Professor with time contract at the Department of Control and Computer Engineering of Politecnico di Torino, working in the GRaphics and INtelligent Systems research group. His fields of interest include computer graphics and human-machine interaction. In particular, he is presently conducting research in the areas of computer animation and virtual reality. His Ph.D. thesis, titled “Interfaces for human-centered production and use of computer graphics assets” was recognized by the Italian Chapter of the Eurographics Association as the best Ph.D. thesis in computer graphics for the year 2020. Email: alberto.cannavo@polito.it.

IEEE CTsoc VAR Officers Election Voting System

Voting form for VAR TC elections

Below are the profiles of the candidates who have stood for elections

For position of Chair:

<link to Candidate1 profile>

<link to Candidate2 profile>

<link to Candidate3 profile>

For position of Vice-Chair:

<link to Candidate1 profile>

<link to Candidate2 profile>

<link to Candidate3 profile>

For position of Secretary:

<link to Candidate1 profile>

<link to Candidate2 profile>

<link to Candidate3 profile>

Link to the vote system:

<https://forms.gle/Xdyrhj5jEMqNE455A>

Elections will be opened until:
December 18, 2022

Thanks to Arun Shankar. K. for designing the Voting form for VAR TC elections.

Virtual Reality, Augmented Reality and Metaverse (VAM)

- The Metaverse is becoming a hot topics in consumer technology industry. Our Society is also focusing on Metaverse and this has been included in ICCE-Berlin 2022 and ICCE-LV 2023. Therefore, our Technical Committee will have "Metaverse" added to its name.

Virtual Reality, Augmented Reality and Metaverse (VAM)

Discussion Q&As

Thank you