

## 2023 1st Call Meeting of CTSoc IoT TC Members

Date: April 19, 2023

Time: 08:00 P.M. (GMT +8)~08:42 P.M. (CST; GMT+8)

### Attendees:

Dr. Liang-Bi Chen (**Chair**), National Penghu University of Science and Technology, Taiwan

Dr. Thinagaran Perumal (**Co-Chair**), Universiti Putra Malaysia, Malaysia

Dr. Aaron Raymond See (**Secretary**), Southern Taiwan University of Science and Technology, Taiwan

Dr. Maurizio Palesi, University of Catania, Italy

Dr. Gautam Mohan Srivastava, Brandon University, Canada

Dr. Amrit Mukherjee (**Technical Sister Societies Liaison**), University of South Bohemia, Czech Republic

Dr. Shih-Hsiung Lee (**Industry Liaison**), National Kaohsiung University of Science and Technology, Taiwan

Dr. Huaming Wu, Tianjin University, China

Dr. Mistuho Yamada, Tokai University, Japan

Mr. Partha Pratim Ray (**Academia Liaison**), Sikkim University, India

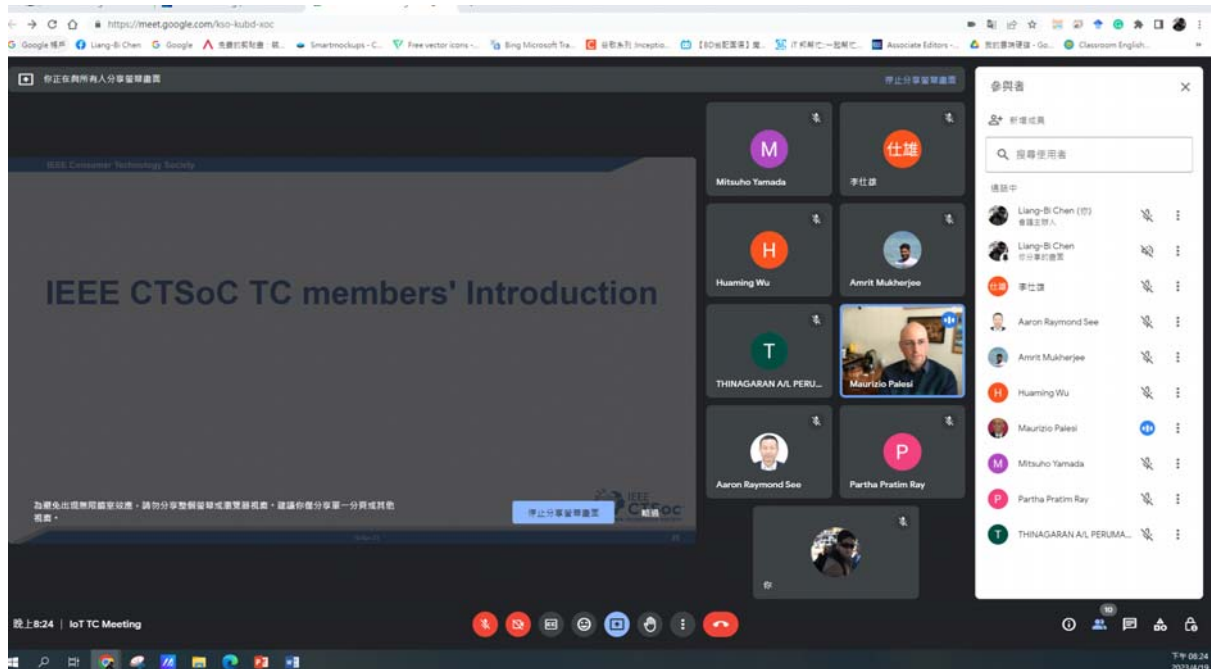
Dr. Md. Jalil Piran (**Standards Liaison**), Sejong University, South Korea

Dr. Yao-Tung Tsou, Feng Chia University, Taiwan

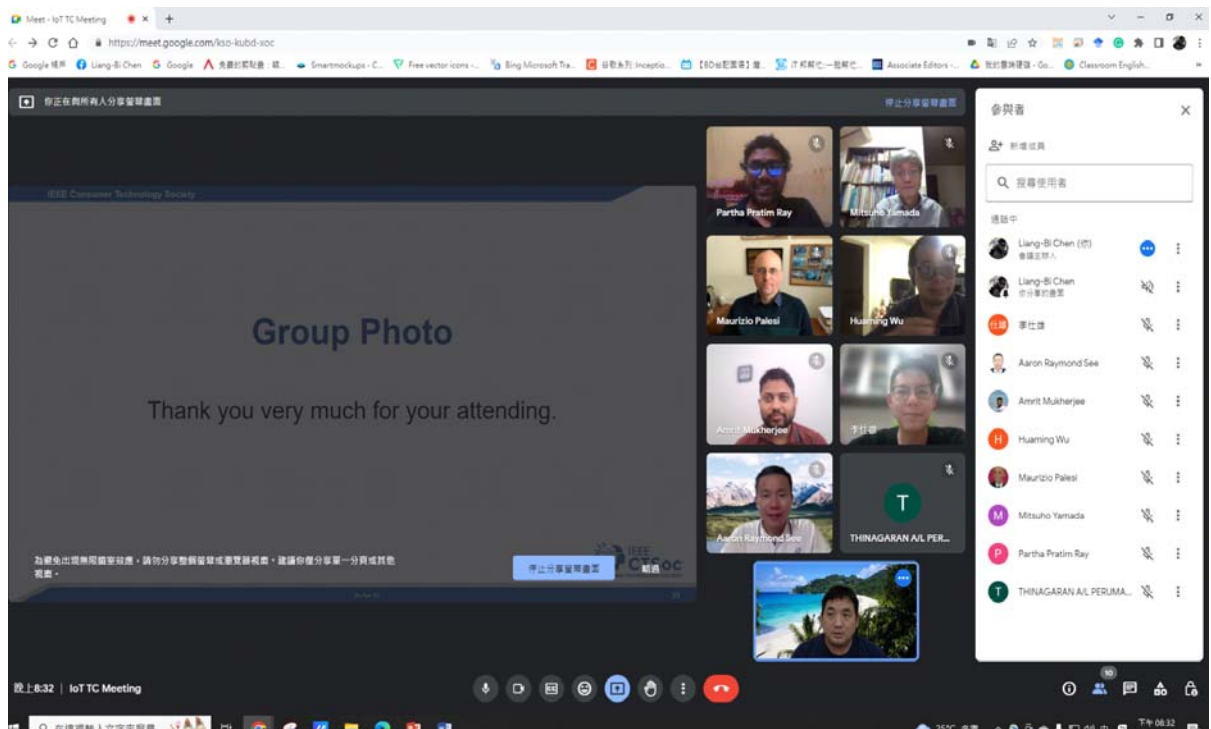
### Agenda:

- **Officer Introduction**
- **Opening Remarks**
- **Introduction to Technical Activities and Technical Committees**
- **Introduction to New Other Officers (Liaison)**
  - ✚ **Conferences Liaison:**
    - Prof. Ming-Che Chen, Southern Taiwan University of Science and Technology, Taiwan
  - ✚ **Publications Liaison:**
    - Prof. Anandakumar Haldorai, Sri Eshwar College of Engineering, India
  - ✚ **Education Liaison**
    - Prof. Sergio Martin, UNED, Spain
  - ✚ **Standards Liaison:**
    - Prof. Md. Jalil Piran, Sejong University, South Korea
  - ✚ **Future Direction Liaison:**

- #
  - Prof. Alireza Souri, Haliç University, Turkey
  - ✚ **Academia Liaison:**
    - Prof. Partha Pratim Ray, Sikkim University, India
  - ✚ **Industry Liaison:**
    - Prof. Shih-Hsiung Lee, National Kaohsiung University of Science and Technology, Taiwan
  - ✚ **Technical Sister Societies Liaison:**
    - Prof. Amrit Mukherjee, University of South Bohemia, Czech Republic
- **IEEE CTSoc TC members' Introduction**
- **Open positions for IEEE ICCE Berlin 2023 - Call for Track Chairs/Co-chairs**
  - **Call for volunteers willing to serve as Track Chairs/Co-chairs in IEEE ICCE Berlin 2023 conference**
  - **Applicants are invited to fill the form at the link below by May 7, 2023**
    - ◆ <https://forms.gle/rsZLK8Uec8GB8qHj7>
- **Open positions to serve as an officer (Liaison) for the CTSoc IoT Committee**
  - ✚ **Liang-Bi said: We are looking for 2-3 volunteers for each liaison position. Welcome to join our volunteer team.**
    - ✓ **Conferences Liaison:**
    - ✓ **Publications: Liaison:**
    - ✓ **Education Liaison:**
    - ✓ **Standards Liaison:**
    - ✓ **Future Direction Liaison:**
    - ✓ **Industry Liaison:**
    - ✓ **Academia Liaison:**
    - ✓ **IEEE Societies/Councils Liaison:**
    - ✓ **Technical Sister Societies Liaison:**
    - ✓ **Student Competition Program:**
- **Q&A**
  - ✚ **Prof. Ray asked: If it is possible to merge both the academic liaison and education officer together. Instead of keeping them separate, I think both the works can be merged together. It will make the whole process easier and faster. One officer for example myself will be able to conduct both responsibilities.**
  - ✚ **Liang-Bi said: I will report your opinion to VP Fabrizio.**
- **Group Photo**



IEEE CTSoc IoT TC Members' Self Introduction



Group Photo

*IEEE Consumer Technology Society (CTSoc)*

# Technical Committee on IOT

**2023 1st Call Meeting of IOT TC Members**  
Apr. 19, 2023 8:00 P.M.–9:00 P.M. (GMT+8)

**Liang-Bi Chen, Chair**

National Penghu University of Science and Technology, Taiwan

**Thinagaran Perumal, Vice Chair**  
Universiti Putra Malaysia, Malaysia

**Aaron R. See, Secretary**

Southern Taiwan University of Science and Technology, Taiwan



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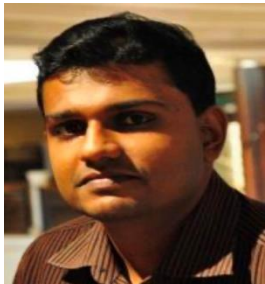
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- Group Photo

# Officer Introduction



- **Chair:** Dr. Liang-Bi Chen
  - National Penghu University of Science and Technology, Taiwan



- **Vice Chair:** Dr. Thinagaran Perumal
  - Universiti Putra Malaysia, Malaysia



- **Secretary:** Dr. Aaron R. See
  - Southern Taiwan University of Science and Technology, Taiwan

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# OPENING REMARKS



Chair: Dr. Liang-Bi Chen

# OPENING REMARKS



Vice Chair: Dr. Thinagaran Perumal

# OPENING REMARKS



Secretary: Dr. Aaron R. See

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# Technical Activities (TAs) area

CTSoc Technical Activities area



Technical Committees Board (TC Board)

VP of Technical Activities (Chair)

Fabrizio Lamberti

CTSoc President

Wen-Chung Kao

VP Conferences

Nobuo Funabiki

VP Publications

Fabrice Labeau

VP Industry & Standards Activities

Raed Abdullah

Officers of the 15 TCs

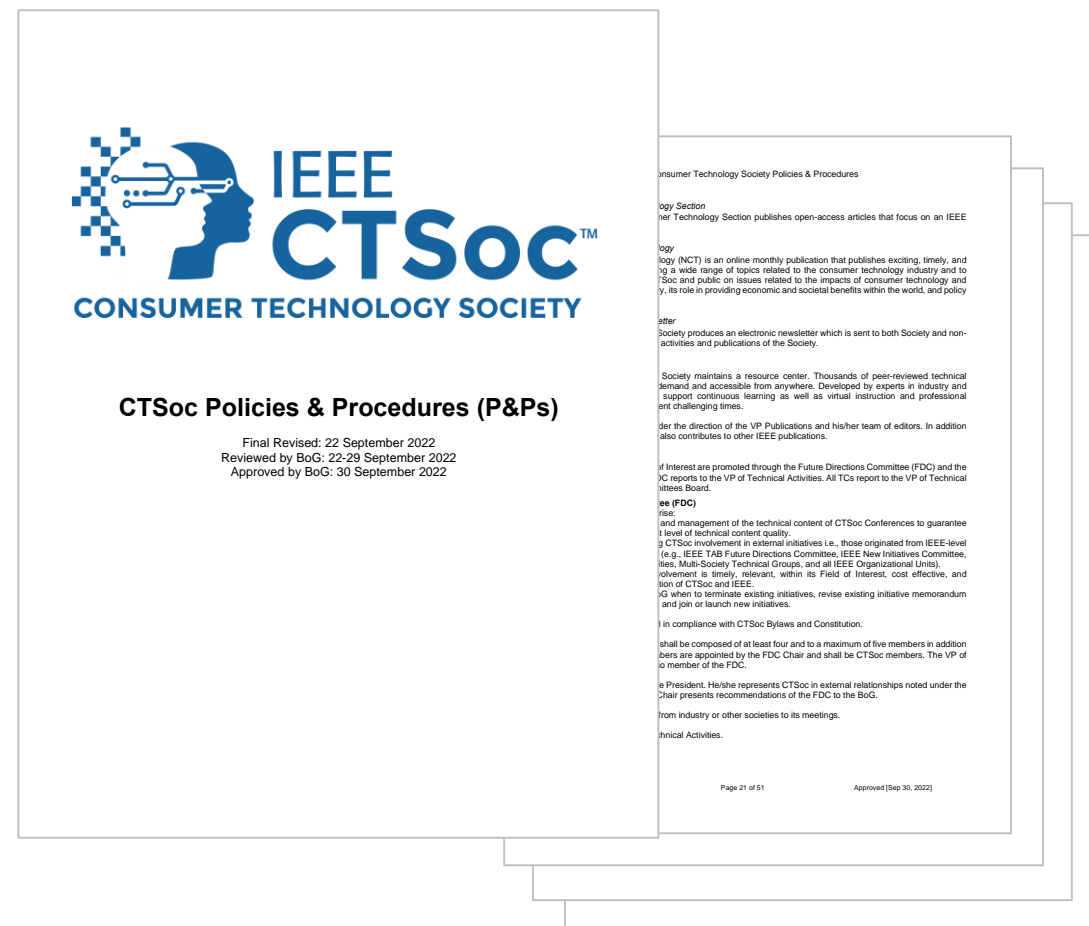
Chairs, Vice-chairs, Secretaries

# Technical Activities – Transaction of business\*

- Governing documents
  - CTSoc Constitution, Bylaws and Policies & Procedures (P&Ps)
- Technical Committees (TC) Board
  - Is the **supervisory** group for the TCs
  - Supports the organization, quality control, and management of CTSoc TAs
  - **Meets every two months** to discuss the status of TCs activities

TC Board Meeting #1, 2023  
scheduled on  
February 21, 2023 8am EST

\* For a complete description refer to Constitution, Bylaws and Policies & Procedures (Section 7.4, pp. 21–26)  
<https://ctsoc.ieee.org/about/governing-documents.html>



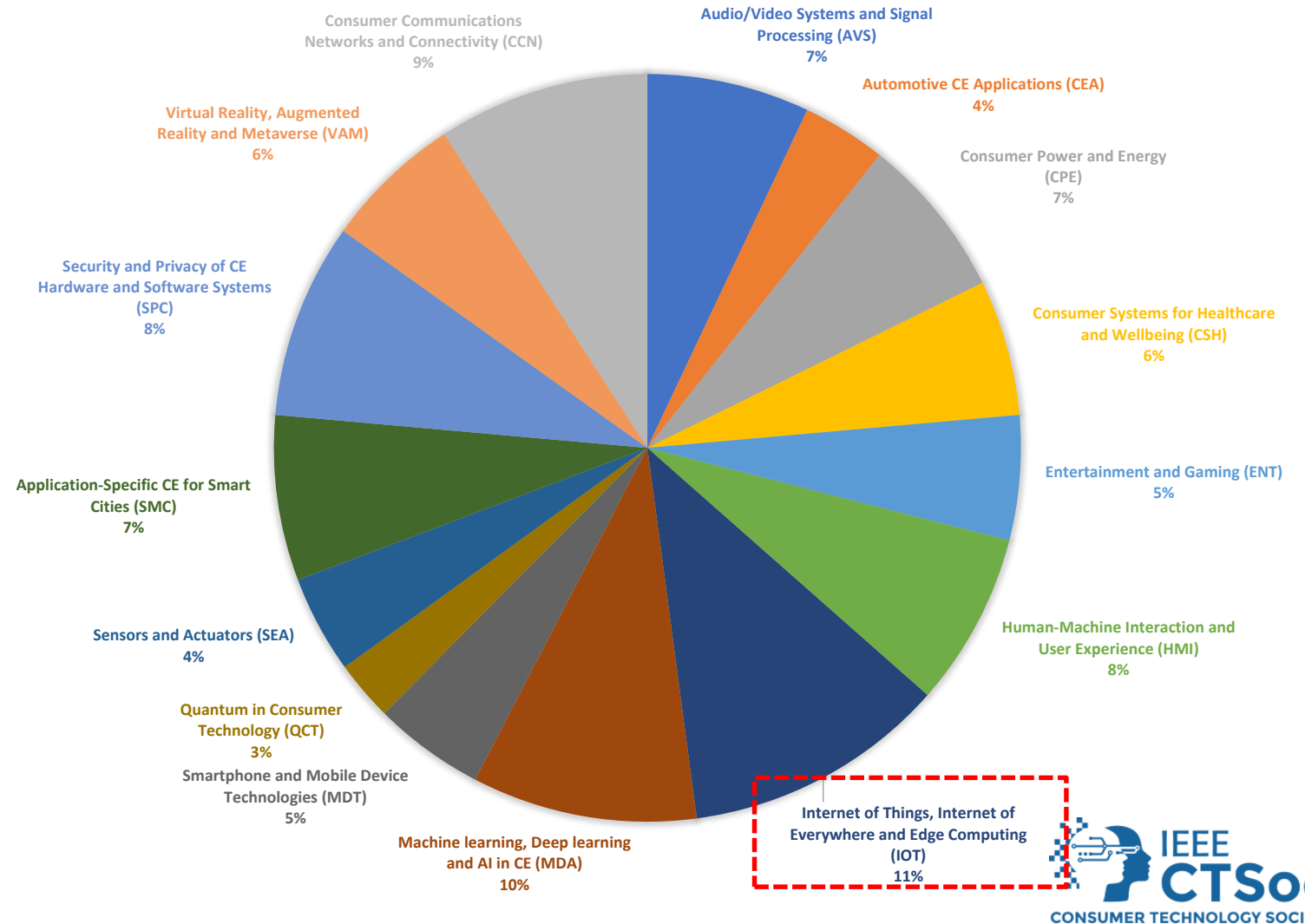


# Technical Committees – Officers and Liaisons

- All the **TC Officers (Chair, Vice-Chair, Secretary)** shall be TC members and IEEE CTsoc members.
- The other officer (liaison) is not required to be an IEEE CTsoc member.

# Technical Committees – Membership

- More than 850 TC members
  - Initially invited based on contributions provided to CTSoc conferences (as Chairs, authors, reviewers), 600~ accepted
  - Then, applications received via TC Membership Application Form, reviewed by the Officers (+ 250~)
  - Advertising via, e.g.,
    - CTSoc channels (members)
    - Invitations sent by EiC of IEEE TCE and CEMag to authors of recent papers
    - Networks of current TC Officers and Members



# 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.
- **TC Chairs will report periodically in the meetings of the TC Board** 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

# Technical Committees – Goals and objectives

- Technical Committees are established to
  - **Support CTSoc's Technical Activities** in the areas of **conferences, publications, standards, 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)

# Technical Committees – Goals and objectives

- For instance, regarding conferences, Technical Committees may
  - **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
  - Collect nominations from amongst TC members and recommend individuals for **technical positions in CTSoc Conferences** (TPC Chairs, Workshop Chair, Tutorial Chairs, Publication Chair, and TPC members)
  - Provide conference Track and Session Chairs
  - Collect proposals for the hosting of conferences as well as for academic and industry conference speakers

Members of TCs  
support CTSoc

# Technical Committees – Opportunities

- Some examples
  - Technical positions in conferences (ICCE Las Vegas, ICCE Berlin, GEM)
  - Associate Editor positions
  - Special Sections in journals
  - Workshops in conferences
  - IEEE FD Digital Privacy
  - Collaborations with other Societies (e.g., SPS & AES)
  - Webinars & Tech Talks
  - SIG (e.g., Metaverse)
  - ...

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[Technical Committees](#) >  
[Technical Activities Membership Application Form](#)  
[TC Outcomes and Opportunities](#)

## Outcomes and opportunities

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

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- Student Competition Program:

# Discussion Q&A

# Group Photo

Thank you very much for your attending.