IEEE *Foothill*
Monthly Newsletter

IEEE Foothill November ExCom/OpCom Meeting

Prepared by: Max Cherubin

The IEEE Foothill ExCom/OpCom meeting was held last Nov. 08, 2022, with the chair at DeVry University in Ontario trying a hybrid meeting. Although we experienced some technical difficulties, it was still successful. We now consider DeVry University to be the location for in-person meetings starting next month in hybrid.

The chair talked about the 75th Anniversary of the Transistor. At CLASTECH he met someone from JPL who had a photo of the commemorative plaque at the invention site in 1947 in BellLabs. We will try to coordinate an event for the transistor. The chair is asking if anyone from the section has any research material or anything related to the 75th Anniversary of the Transistor to share. Osman Ceylan, our vice-chair, will create a team working with him for the 75th Anniversary of the Transistor.

The chair also discussed Mathcounts and if the section would like to be involved. Art Sutton has already volunteered and provided a brief history and an update. They are still in the planning stage, according to him. With what they did in the past, the section financed lunches for the student and teachers who participated and trophies. Mathcounts usually take place in the last week of February.

For Rising Stars, Alberto Tam Yong attended the meeting to discuss Rising Stars 2023. Alberto is the Region 6 YP Coordinator and the Orange County Chair and on the Rising Stars Committee. The Rising Stars 2023 will take place Jan. 3-5, 2023, and it will be an in-person event in Las Vegas, Nevada. It is intended for students and young professionals. They put a program that includes workshops, technical presentations, and networking for students and young professionals to learn more about the profession, careers, and the community. They usually invite high-level executives from various companies, like managers and professionals, to give a presentation on the latest technologies, trends, and continued professional development like project management or things that could benefit young professionals and students. He is encouraging students and young professionals to register early before Nov. 13. More Rising Stars info is on page 3.

What's Inside:

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For Membership Development, we increased membership to 21 new members, four from member grade and 17 students/graduate students. WIth our new members, we now total 979. We are getting good numbers because of the students joining our section. We have been excellent and consistent with our numbers even before COVID, so let's keep the ball rolling.

For websites and social media, Osman reported that we had 326 visitors on our site, which is good. We also had five new LinkedIn members, which is good. He constantly reminds the section to share and post to our social media and events related to the area or chapter to boost our membership and viewers. In that way, we can promote our site and the section.

Student Chapter

CPP, reported by Sameer Sharma and Mia Diliberti-Brandenburg, said they are preparing for their Thanksgiving-Friendsgiving event. A potluck for their members at CPP, and they are organizing a board to create more workshops.

CBU, Seth Gil said they are going to have a Soldering workshop.

CSUSB, Carson Weeks said they had a workshop they are working on for the transistor. They plan to have a Soldering Workshop and ask the section how they can get sponsorship.

DeVry Univ., Prof. Moe Saouli said that the students participated in a coding competition last month and have a couple of proposals for next year's competition. On November 1st, they had a Cisco Packet Tracer Workshop

Technical Committees

MTT/APS, Ed/CAS chair, and some of its members attended the CLASTECH 2023 at Eravant, Torrence, and more details about what happened on the next page. They are still planning for the celebration of the 75th anniversary of the Transistor.

For Nanotechnology, since Nanotechnology is a joint section with Orange County Jt. Section Nick Masseti reported on what's going on with their SETC 2023 event. He has been cooperating with two students, one from CPP Hyperloop and the other from the IEEE business section. Many high-school students were attending, and almost half of the students attending were our members. The workshop will be held the areoughout this year. It will continue from November to December, and the students who participated could use their experiences to put together, which will be then submitted to Technology Council Chapters. There is still much discussion for this joint event, and David Gonzalez offered to set a meeting with the CPP Student Advisers, Dr. Zekeriya Aliyazicioglu and Dr. Jenny Yu, to clarify how student chapters abide by the rules and regulations.

Communication Society, Dr. Tamer Omar is preparing for to the Meet and Greet with the other chapters of our section. He has also been working National Instrument Workshop on 5G Software Defined Radios and AI and ML. They have three members, the principal business development manager, the primary application manager for USA, which is for software-defined radios in AI is creating, and the top application manager, who will visit and they will also conduct a campus tour for them.

Our Computer Society chair Ray Moreno is looking for new volunteers for his chapter.

Osman Ceylan introduced IEEE Data Port for Educational Activities, which you can download and use as a site to store your data. Now they are organizing a competition where you can win $5000 in every category. There are three or four categories which will total $20.000. For students, the 2022-2023 CASS Student Design Competition is about circuits and systems, and the topics are broad. Students can bring any solution or circuit idea. If the students are interested, you can reach out to Osman Ceylan to be a mentor, along with the section to sponsor the students. The link is on the last page if you want to know more about the 2022-2023 CASS Student Design Competition.

From left to right: Gerald Herder (section secretary), Osman Ceylan (section vice-chair), Scott Wedge (APS/MTT and Ed/CAS chair) and Jon Martens (speaker)

The photo on the left side was shared with us by Srinivas Prasad. He is a postdoc at NASA JPL, and he interned at BellLabs where the first transistor was invented.

We would also like to thank the attendees who were present during the event last Nov. 4, 2022, at Eravant, Torrence. Although there was a sudden changed of venue, but it was successfully done.

Exhibitors:

- Cain Technology
- DEC (Dynasty Electronic Company)
- Eravant
- Maury Microwave
- Mician
- Pacific Microchip Corp.
- Reactel
- Teledyne Defense Elec.
- Teledyne Relays
- Unity Tech BD
- Ward Davis
- RFMW

Attendees:

- Charlie Jackson
- William Milroy
- Osman Ceylan
- Dave wang
- Lyn Shaw
- Srinivas Nagaraja
- Joel Kessler
- Sembian Rengarajan
- Nachappa Gopalsami
- Sorour (Sue) Karamifar
- Arun Bhattacharyya
- JK McKinney
- Alon (Al) Barlevy

- Max Cherubin
- Kevin Geary
- Bill Sullivan
- Sandra Hernandez
- Avi Hartenstein
- Dan Roper
- Stephen Maas
- Sonya Thompson
- Robert Hart
- Wes Hansford
- Goutam Chattopadhyay
- Don Davis
- Nathaniel Ortiz
- Mike Maybell

- Nick Gutierrez
- Arseni Yalouskikh
- Farah Toosi
- Han Lin
- Robert Hoferer
- Spacetime 1
- Spacetime 2
- Hiromu Kuno
- Terry Cisco
- Amrita Bal
- Sander Weinreb
- Jonas Flygare
- Jason May
- Jon Martens

- Steve Swift
- Elizabeth Kunkee
- Rashunda Henderson
- Wilfredo Henriquez
- David Sensiper
- Scott Wedge
- Paul Yu
- Jonas Urbonas
- Gabriel Rebeiz
- UCSD 1
- George Cheng
- Allwave 1
- Allwave 2
- Saeid Alamdar

- Alan Reynolds
- Filippio Capolino
- Hamidreza Aghasi
- Colleen Fitzgerald
- Daniel Ko
- Vinand Prayag
- Thomas Ritacco
- Jeff Nanzer
- Nacer Chahat
- Jasmin Grosinger
- Edmar Camargo

ComSoc/MTT-APS/EdCASS:
Meet & Greet Event

The IEEE Foothill ComSoc, MTT, APS, EDS, and CASS chapters invited their members to the Meet and Greet Event last Nov. 19th, 2022. The event occurred at Center Pointe Dining at CalPoly Pomona, with 23 attendees. Professional industry members from the section and the chapters, in addition to students, joined the event. A short presentation about the section and the chapter's structure, activities, and new members were shared with the attendees. The event was friendly, and the new member candidates could ask questions and mingle with the section and the chapter officers. A free lunch was offered by the section and the chapters during the three hours event.

Upcoming Events:

IEEE Foothill ExCom/OpCom December Meeting
Dec. 13, 2022

IEEE Foothill Consultants Network December Meeting
Dec. 7, 2022

Rising Stars 2023
Jan. 3-5, 2023

CAS 2022 Student Design Competition

Social Media:

LinkedIn   Facebook

Do you want to be a volunteer?

If you want to be a volunteer, you can email us at _sec.foothill@ieee.org_, and if you want to know more about our section, you can visit our website at _http://foothill.ieee-bv.org/_.