IEEE FOOTHILL
Monthly Newsletter

Volunteering makes a Difference...

This newsletter is brought to you by:

Panatron Inc

IEEE Foothill January 2023 ExCom/OpCom Meeting

Prepared by: Max Cherubin

The IEEE Foothill ExCom/OpCom January 2023 hybrid meeting was held at the DeVry University in Ontario. The minutes from last month's meeting were reviewed by the secretary, followed by the chairman's remarks, and followed by the secretary, who gave us an update about the election. According to Prof. Gerald Herder, the nominations were closed already, and the section can now vote until the next ExCom/OpCom meeting. Before the chairman's remarks, the chair invited Alberto Tam Yong, the Orange County Chair and one of the coordinators for the Rising Stars Event. The chair asked him to share about Rising Stars 2023. Alberto said it was a successful in-person event. He said he was able to handle a workshop, and if you want to know more about the event, you can check the Rising Stars website. https://ieee-risingstars.org/2023/

The chair also talks about the IEEE Annual Region 6 OpCom Meeting, which will be on February 3-5, 2023, and will be held in San Francisco. Our chair couldn't attend, and for our section, Prof. Herder, volunteered on its behalf. The chair also talks about the MATHCOUNTS, and according to Art Sutton, he's been coordinating with Kevin Wood, the MATHCOUNTS coordinator. Kevin is still looking for volunteers to help with the MATHCOUNTS. They already have a venue and still reaching out to the sponsors, and the section already pledged a $500 sponsorship.

Section and Committees

Membership Development, Kim couldn't attend the meeting, and for the record, the membership had a total of 1003. Our numbers are doing well since most of our activities are in-person, and most new members are students.

Social Media and Websites, Osman said that we had 293 viewers. Before those numbers, we had five new members on our LinkedIn page. He is also planning to upgrade or update the website and is still looking for better tools or services. We want to remind all the members to post events or updates about your chapter on our social media pages. In that way, we were able to advertise the section, and at the same time, we could gather volunteers.

Student Chapters

Among the universities, only CBU was able to report. Seth Gil, the chair, said they plan to have more workshops and a business tour. They were considering Raytheon, Northrop Grumman, and maybe Edison as well. They also plan an event before the semester break, probably a game night. The chair also mentioned the 75th Anniversary of the Transistor, and Scott Wedge made an offer for the students. If they want to celebrate the 75th Anniversary of the Transistor just like what the CPP students did, Scott Wedge and its chapters could sponsor the event.

We also had a guest from China Lake Section, Jose Lopez. He's originally a member of the China Lake Section, but it's been a long time since China Lake Section is no longer active. He wanted to be still involved in IEEE, so he reached out to the section and asked for further information on what needs to be done for him to be an active member of IEEE.

Technical Committees

MTT/APS and Ed/CAS just lost an officer, Jonas Urbonas, who is moving away and is planning to have an uncontested election. There are a few significant events for their section this year. The ISSCC 2023 (International Solid-State Circuits Conference) will be in San Francisco this February 19-23, 2023. The IMS 2023 (International Microwave Symposium) will be held in San Diego on July 11-16, 2023. The DAS (Design Automation Conference) will be in San Francisco on July 9-13, 2023. Scott still encourages the student section to celebrate the 75th Anniversary of the Transistor with them. Aside from that, Scott reminded everybody that it is easier for the team to find a speaker, but sometimes setting up a date, time, place, and attendance that's always a challenge.

Communication Society, Dr. Tamer Omar said they have one event this month. It is about AI Advance for 5G towards 6G, which will be on January 25, 2023, and the chair will send out a notice for that. He also mentioned that the North American Region is creating committees, like, Student Activity Committee. Prof. Omar also wanted to know to send out the VTools event as he is the primary host and why he has to go to another event's link to inform everybody that they have an affair. The other possibility is a regional chapter meeting. It's more like a dialogue meeting, and they ask if Prof. Omar is interested in joining the North American Region. They do have many activities. One is the student activity that the North American board is trying to reach out to more students through an intersection of chapters in different sections so they can work together to create more significant events instead of small ones. Prof. Tamer Omar is planning to join that kind of event because he also wants to have a board and hopes to do some events on each one.

Computer Society, Ray Moreno has nothing to report. He just wanted to share that he saw an event on quantum theory, which could last a year. He was aware of Quantum Leap a bit too late to take any action, but this year, he wanted to get started early because, on September 17-20, 2023, it will be held in Washington State. Last year it was held in Colorado, and it sounded fascinating and inspiring to have some top figures. They showed up, and it will cost less than $340 whenever you get to the convention, and it's usually around three to five days long. Quantum radio is another one of those topics out there. He can relate it to quantum computing because of its qubits, and it is naturally digital because they look at the spin on the electron, which is either lighter. Hence, it tends to be inherently digital. But the idea that you could be able to transmit a radio signal to someone in a cave underground or something on an orbiting platform sounds like Star Trek.

Educational Activity Osman Ceylan, the vice-chair for Educational Activities, talked about the Honor Society for Electrical Engineering Students. Student awards or general nominations will come from various chapters in the schools. We can decide if we will participate in helping to select students,

IEEE SusTech 2023

10th Annual Conference / Portland, OR / April 19-22, 2023

Student Poster Contest - Call for Abstracts

Key Dates	Feb 15, 2023	Submission deadline for poster abstract
	Feb 28, 2023	Notification of Acceptance
	Apr 19, 2023	Final Poster Display During Conference

>>> **Accepted** posters must register for the contest and pay a submission fee <<<.

At least one author must be a Student IEEE Member

For more information, abstract upload, and registration, please visit https://ieee-sustech.org/

Topics: Technologies that contribute to sustainability in all applications affecting human life.

Internet of Things – IOT
Renewable / Alternate Energy
Societal Implications
Quality of Life / Public Policy
Smart Cities

Agriculture & Food Technology
Water Resources Management
Intelligent Transportation Systems
Ocean Waste & Pollution
Ecological Sustainability & Conservation

Smart Grid
Energy Efficiency
Sustainable Electronics
eWaste
Air Pollution

Prizes:
Prizes will be awarded for first, second and third places as determined by the judges. First place $1000; second $500; third(x2) $250. Information on the winners will be posted on the IEEE SusTech and IEEE Region 6 websites.

How to Submit?
To participate in the contest students should write a 2-page (500-700-word) description (extended abstract) of the poster, along with authors names, respective university and contact details; and submit it in PDF at **https://ieee-sustech.org/student-poster-contest/** by the deadline. Contestants will need to prepare a poster of 48 x 36 inches in PDF for **online presentation**.

Poster Contest Chair: Dr. Sean Monemi ssmonemi@cpp.edu

Upcoming Events:

IEEE Foothill February ExCom/OpCom Meeting

Feb. 14, 2023

IEEE Foothill Consultants Network Meeting

Feb. 01, 2023

Social Media:

https://www.linkedin.com/groups/13516173/

https://www.facebook.com/ieeefoothill

If you want to be a volunteer, email us at sec.foothill@ieee.com