



IEEE Foothill

NOVEMBER MONTHLY

Newsletter



IEEE FOOTHILL NOVEMBER 2023 EXCOM/OPCOM MONTHLY HYBRID MEETING

Prepared by: Max Cherubin | Proofread by: Prof. Gerald Herder

On November 14, the ExCom/OpCom Monthly Hybrid Meeting of the IEEE Foothill Section was held at DeVry University in Ontario. First, the section discussed the upcoming election and the officer terms. As per IEEE, it is by default two-year term for officers unless there is local documentation to make it one year.

The chair said that by December, Charlie Jackson is planning to have a talk with Erik Heilman IEEE-USA. He also reminded the section to always provide a \$25.00 gift card to whoever the speaker is in every talk for the section/chapter.

Membership Development

Kim Mosley wasn't able to report but the secretary presented the status of the membership of the section. We had an increase of 22 over the last month. Three members and 18 students/graduate, which totaled 971 members. There are no senior elevations for the month of October.

Count by Region and Grade					
Region	Council	Section	Grade Category	Grade	Total
	Southern California Council	Foothill Section	IEEE Grades	Associate Member	14
				Fellow	9
				Graduate Student Member	87
				Life Fellow	14
				Life Member	163
				Life Senior	45
				Member	417
				Senior Member	84
				Student Member	138
				Total	971
			Other Grades	Affiliate	18
				Total	18
			Total		

Social Media and Websites

Osman Ceylan reported that we had a total of 69 members on LinkedIn and 63 members on Facebook for the month of October. As per visitors to our social media pages, we have good numbers compared to the previous months. We encourage every member to promote the section to their accounts and post events on our social media pages to attract new members.

Total view:

January	February	March	April	May	June	July	August	September	October	November	December	Jan 2024
359	318	423	294	284	555	797	420	466	749			

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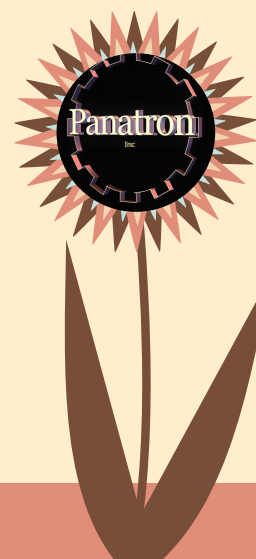
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Technical Committees

MTT/APS ED/CAS Scott is in Maui and couldn't attend the meeting. However, Osman Ceylan, his vice-chair, reported on Scott's behalf. CLASTECH was successfully done last Nov. 3rd at Eravant, Torrance, CA. Two of the speakers were from JPL. They talked about measurements, and in the previous speech, talks about quantum computers. Osman plans to participate in AMPC in Taiwan and MAPCON in India.

Nanotech Jenny Yu and Addie Hasson (Hyperloop Secretary) reported on the preparations for SETC 2024. They are now preparing the websites and categories for each level. Last month, they updated the vTools about their events. They also had Arduino and PCB Design Workshop. They postponed the workshop scheduled for Oct. 14 and moved to Oct. 28 because ABET came to evaluate the Engineering programs.

For ComSoc, Dr. Tamer Omar met with the IEEE CPP Student Chapter to reactivate the CPP-ComSoc chapter. They are also trying to collaborate with CBU and CSUSB for the RC Competition in April 2024.

Koji Yamashita, vice-chair of PES, had a report about their event last October 19, which was Part 1 of the European Network Code with Focus on Inverter-Based Resources, and there were 14 attendees. Part 2 will be on December 04, 2023, and the topic highlights the Requirements for a Grid-Forming Converter. The speaker will be Dr. Stanko Jankovic of TenneT TSO GmbH from Germany.

Dr. Tamer Omar volunteered to be the Computer Society interim chair position. He again reviewed some of the requirements in every chapter for meeting activities and holding at least two yearly technical meetings. He also shared that last Nov. 10, they had a joint event with different sections. It was a successful joint event, and on Nov. 20, there will be a Computer Society All-Chairs Meeting.

For Consultants Network, Cash Sutton wasn't able to attend the meeting. The chair mentioned that the CN had a talk with Milad Izadi during their monthly meeting, which was a joint event with the PES chapter.

Student Chapters

CBU (California Baptist University): *Reported by Kenneth Raymund Lettau*

On Oct. 18th, the IEEE CBU Student Branch hosted some special guests, Kimley-Horn. The representatives gave a presentation for an hour and a half on the company, what they work on, what it is like to work for them, and so on. At the end, Kimley-Horn held a Q&A session for the present IEEE members.

Sixteen members were present for this event. Kimley-Horn collected resumes from all interested individuals to potentially hire for their solar and battery storage division to work out of their Orange County office.

On Nov. 1st, CBU's IEEE club held a PCB workshop led by club president Danny Aleksak. This workshop continued the Fusion Workshop, where the goal was to design the PCBs used to control the RC boat. A staggering 30 individuals showed up for this workshop, all eager to learn how to design their very own PCB.

The week after, on November 8th, CBU's IEEE club held a soldering workshop. Using the PCB design from the first workshop, participants learned how to solder from the club's secretary, Ray Lettau. In this workshop, components were provided for individuals to solder together the remote control and the receiver boards for the remote-control boats. About 20 individuals showed up for this event.





CBU ASME club president helped print out the boat models from the Fusion lab so that the participants could take home a working remote-control boat at the end.

CPP (CalPoly-Pomona): *Slides are from Addie Hasson*



Addie Hasson had a share of reports during the ExCom/OpCom about the Hyperloop Workshop.

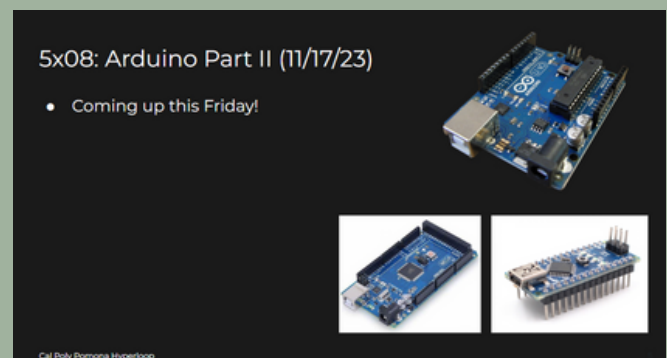
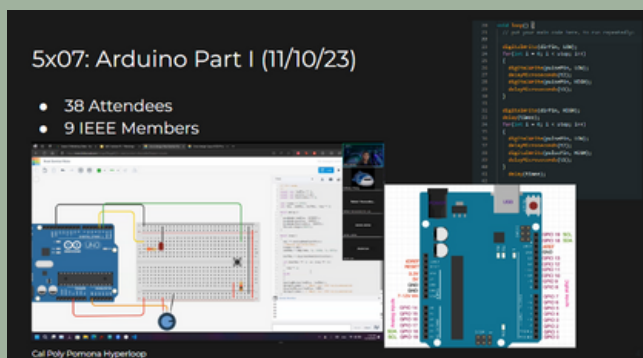
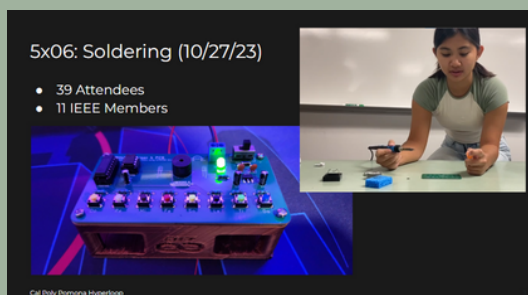
On Oct. 20, 2023, they had 5x05: 3D Printing, which was attended by 29 members, and 6 of them were IEEE members.

On Oct. 27, 2023, they had 5x06: Soldering, which was attended by 39 members, and 11 of them were IEEE members.

On Nov. 10, 2023, they had the Arduino Part I workshop

which was attended by 38 attendees, and 9 of them were IEEE members.

For the upcoming events, on Nov. 17th, 2023, they will have the 5x08: Arduino Part II. See some of the photos that were taken during the series of workshop.



CPP (CalPoly-Pomona): Semester Activity Report (Part 1) *Reported by Sameer Sharma*

September 5, 2023: First General Meeting

With about forty people in attendance, mainly, but not limited to, those who are freshmen, transfer, and returning active IEEE CPP members, we had a successful back/start-to-school meeting for IEEE. Served pizza, attendees actively listened to the introductions of board members and to the announcements of upcoming events for the Fall 2023 semester and introductions.



September 19, 2023: Second General Meeting

Our second meeting also included about forty people with the same statistics of attendees. This time around we specifically discussed upcoming workshops, upcoming career fairs, internship/full-time opportunities with San Diego Gas and Electric, potential intramural sports teams, and upcoming socials with other clubs. We also had a quiz game for the members that was based on IEEE general knowledge.



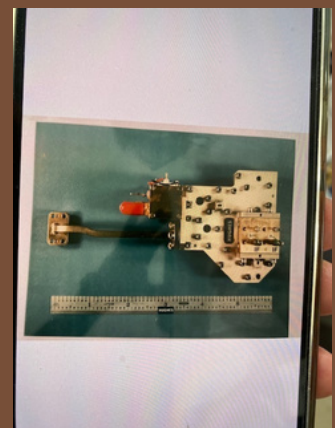
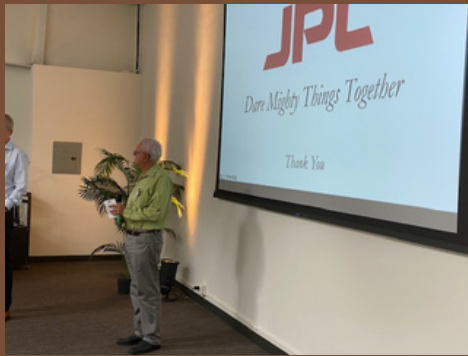
September 21, 2023: San Diego Gas and Electric Informational Session

Four members from San Diego Gas and Electric came out and spoke to about forty of our members about how power and utility engineering is at San Diego Gas and Electric. After each of the four members spoke about their experiences with PowerPoint presentations and specific examples, attendees had the chance to submit their resumes for potential interviews for internship, and full-time work opportunities with San Diego Gas and Electric.



CLASTECH 2024

CLASTECH 2024 was successfully held at Eravant, Torrance, California, on Nov. 3rd. Many presenters were there, and two of the speakers were from JPL. Congratulations also to Charlie Jackson for this successful, fantastic event. Photos were courtesy of Melissa Castro (CSUSB Secretary) and Max Cherubin.



UPCOMING EVENTS:

✓ **IEEE Foothill December ExCom/OpCom Monthly Hybrid Meeting**

December 13, 2023

✓ **IEEE Foothill Consultants Network Monthly Hybrid Meeting**

December 06, 2023

✓ **IEEE Foothill PES: European Network Code with Focus on Inverter-Based Resources Part 2: Requirements for Grid-Forming Converter**

December 04, 2023

✓ **IEEE Foothill Election Call for Nominations Deadline**

December 31, 2023

✓ **IEEE Foothill Election Voting Starts**

January 01, 2024

SOCIAL MEDIA:



<https://www.facebook.com/ieeefoothill>



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



WELCOME VOLUNTEERS

If you want to be part of our growing section, email at us
sec.foothill@ieee.org



To the IEEE Foothill Section volunteers, I would like to thank you for volunteering and being part of the community. Let's continue to help and spread STEM education.

Max Cherubin

IEEE Foothill Section Chair