

Foothill Section NEWSLETTER

May-June 2025 Bi-Monthly



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

THIS MONTH'S NEWSLETTER

For this newsletter, the IEEE Foothill Section will feature our May-June highlights.



TopGolf Networking and Members Appreciation Night

June 28, 2025

IEEE FOOTHILL MAY EXCOM/OPCOM MONTHLY HYBRID MEETING

The IEEE Foothill May ExCom/OpCom monthly hybrid meeting was held on May 13, 2025. The section is planning to have its first quarterly meet-up at TopGolf in Ontario. The dates were tentative yet but the target months are May or June.

...continue reading to page 2



More Features

- **IEEE Foothill Section May ExCom/OpCom Monthly Hybrid Meeting**
page 1-2
- **Ed/CAS: Optical Interconnect Seminar**
page 2
- **WiE International Leadership Conference**
page 3
- **IEEE Foothill Section June ExCom/OpCom Monthly Hybrid Meeting**
page 4
- **TopGolf Networking and Members Appreciation Night**
page 5

The section plans to attend IMS 2025 in San Francisco and may consider renting a bus or van.

Social Media and Website

Osman Ceylan mentioned converting the Foothill LinkedIn account from private to public, but it appears this is not possible, and a new LinkedIn account may be required. Sean Hamilton supported this approach, and Osman agreed that it is the best way. Discord is also an option for communication. Sean suggested finding a YP member to help with Social Media and maybe a Discord group. William Burgess offered to be a YP chair but declined for reason that he is graduating.

Technical Committee

MTT/APS. Scott Wedge. He had the opportunity to review the IMS Conference information, and there are many workshops across various disciplines, including computing related to Quantum Engineering. Scott related that he has spent considerable time on envelope simulation of power amplifiers. Scott has an issue with utilizing the bus ride going to IMS, as Wednesday is not ideal day for his schedule and workshops.

Ed/CAS: Bo Chen noted he is currently on the East Coast, so Richard is working to coordinate with Bo's new schedule and is looking to organize short meetings, 30 minutes, 10 slides under the name of "Weekend Espresso". Richard is working to visit the USC MOSIS site.

ComSoc: Dr. Tamer Omar attended SusTech 2025 and presented his paper, "Net Zero Marketing System." Interesting presentation from UC-San Diego and a panel entitled "IoT Car Race and Arcade" was a success. The Microcontrollers High School Initiative has been completed for the year, and he learned a lot, particularly that 10 weeks or a semester is needed as half of the time is needed for introduction, with the 2nd half a project. Even better would be two semesters, as high school students need a different approach. There might be an opportunity for another series next year with Bonita High School. Several other events were held over the last two months.

PES. Dr. Koji Yamashita stated that they had previously discussed the recent blackout in Spain and Portugal. The cause remains unsolved, but it may be due to excessive renewable energy. We will see. Some contacts have been made, but no response has been received yet. A new event will feature a presentation about a South Korean wide-area monitoring project that implements Synchro-Waveform Technology. At the upcoming PES general meeting, there will be a PES Chapters officers meeting, and Koji may be able to attend.

CS. Sean Hamilton said the CS had a brown bag session about useful tips that members can use conveniently. Another meeting in the blockchain series featured a speaker from Norway who discussed how to implement a distributed system, thereby spreading the computing cost. The group was involved in several other events and was planning a talk about AI in cybersecurity, hoping to bring it in via the Distinguished Lecturer series. The medium size IEEE Section Award is still in the works, with requirements not yet completed, but it may be used more in preparation for next year or for other groups.

Event Updates:

Ed/CAS had an Introduction to Optical Interconnect Technologies for Data Centers Seminar, Dr. Xian-Li Yeh, on May 13, 2025. It was held in DeVry University as the in-person location, and since Bo Chen won't be able to accommodate the speaker. It was facilitated then by Richard, Max, and Scott. They had a total of 14 attendees.



WiE International Leadership Conference 2025

Reported by: Kim Mosley (IEEE Foothill Section - WiE Chair)

I attended Day 2 of the WIE ILC 2025 for the first time representing the Foothill Section as WIE Chair. It was an enriching experience seeing and meeting IEEE members from all of the country and world. The overall theme of the conference was centered on professional growth and development and the underlying impacts of Artificial Intelligence in all aspects of our daily interactions personally and professionally.

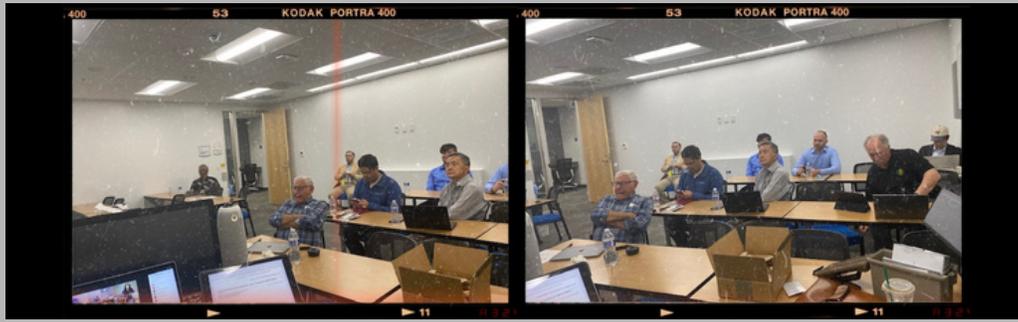
I attended all of the keynotes with the exception of the closing "Enabling the AI Revolution" and a midmorning keynote "Engineering Change: Leading Inclusive Innovation in the Age of AI". Unfortunately the timing of both conflicted with other meetings I needed to attend virtually. However, keynotes by Yanni Zhong centered on 'professional and personal development in the wind industry', Anu Ramaurthy-'professional and personal growth in the AI Age', Cecilia Metra-'AI reliability and security in the metaverse', Vanitha Kumar-'leadership in the era of connected intelligence' were relevant, timely, and showcased the wealth of experience and expertise of women in engineering!

I was able to meet in person Naznin Akter, WIE Chair of Oregon Section who has graciously fostered collaborative opportunities on virtual technical meetings with our section WIE affinity group. She chaired a leadership workshop track that focused on developing leadership skills and personal branding for underrepresented women in STEM. I have made connections with workshop facilitators Elaine Beattie and Nancy Marmolejo, and several of the keynote speakers with the intent of exploring future events for our WIE section to sponsor.

This event appeared to be well attended by IEEE WIE members from all over the world. Region 6 was present in full force. I will also mention that I was blessed to meet a life member Francine Bellson who is also the wife of the late Louie Bellson (www.louiebellson.com). She goes by Mrs. B. and is a retired physicist who worked as a Silicon Valley engineer 33 years ago!



IEEE Foothill Section June ExCom/OpCom Monthly Hybrid Meeting



The June ExCom/OpCom was held last June 10, 2025, at DeVry University and virtually via Zoom. A few things have been discussed. The IMS Bus Trip was cancelled due to a low number of attendees; however, the TopGolf Networking and Members Appreciation Night was rescheduled and will now take place on June 28th.

Membership Development

Kim Mosley stated that, as per our previous meeting, there was a decline in the section's membership, with a total of 875 members. We had one senior elevation, and Kim will send out a welcome letter to new members.

Social Media and Website

Osman Ceylan said a new LinkedIn page has been created and will eventually replace the old account to have exclusivity of the new one. He also presented the menu and activities available at TopGolf.

Technical Committee

MTT. Scott Wedge was unavailable due to a family emergency; however, he was to send a report about the IMS and DAC Conference in San Francisco. He is not yet certain which event he will attend.

Ed/CAS. Bo Chen hosted an event with Dr. Ye on the Introduction of optical interconnection technology for Data Centers, attended by 14 people in total. Richard Fung also shared their upcoming event, which they call "Weekend Espresso," and an Introduction to Intellectual Property. Their speaker is Alex Kuo, with 15 years of experience in this area. They also have a chapter newsletter, and for this month, the major topic is the LEDN Conference.

PES. Koji Yamashita has two upcoming webinars. One is about a High-frequency Oscillation Event caused by Inverted-Based Resources in South Korea. The second talk is about High Frequency effects caused by Inverter-Based Resources. The speaker is from the UK. He also presented the possible events and speakers in the future.

CS. Sean Hamilton presented the list of their past and upcoming events. He mentioned that gift cards were sent to the respective speakers. Bassem Maurice reached out to PPI USA Inc. They had a little discussion regarding the funding and how it works. The section website is still under development, but it is looking good so far.

Affinity Group

WiE. Kim Mosley attended WiE-ILC 2025. It was a 3-day event held in San Jose. The entire experience was enriching, and she had the opportunity to meet various IEEE members from across the country and the world. The overall theme of the conference was centered on professional growth and the underlying impacts of Artificial Intelligence. She was able to attend all keynotes, with the exception of the closing keynote, "Enabling the AI Revolution." She was also able to meet Naznin Akter, WiE Chair of the Oregon Section.

CN. Cash Sutton was finally able to attend and join us in person. They had a meeting on June 4; however, he doesn't have much to report. He said that California has revamped the process of becoming a licensed engineer, and it is an opportunity for members to obtain their license without sitting for the fundamental engineering exam.

Topgolf

NETWORKING AND MEMBERS APPRECIATION EVENT

The IEEE Foothill Section had a Networking and Members Appreciation Night at TopGolf in Ontario last June 28th. A total of 17 attendees were present. The section EXCom organized this event to celebrate the camaraderie and volunteerism of each member. All the members had a great time golfing and enjoyed sumptuous food.



We had a total of 17 attendees and we divide it into three bays.

Bay 1

Nguyen Pham
Jessica Surjadi
William Surjadi
Eryn Chen

Bay 2

Gerald Herder
Nick Ng
Kim Mosley
Bill Grist

Bay 3

Bassem Maurice
Keith Reno (not golfing)
Max Cherubin (not golfing)

Ryan Lui
Nathaniel Kwan
Melissa Castro

Scott Wedge
Richard Fung
Lusine Hyrapetyan

The winners by "Bay" are as follows: Bay 1 William Surjadi, Bay 2 Bassem Maurice, Bay 3 Scott Wedge

[LINK FOR MORE PHOTOS](#)



The IEEE celebrates annually IEEE Day. This year we will celebrate it on Tuesday, 7 October 2025. The IEEE Day is a unique occasion where IEEE members around the world come together to celebrate the power of technology and innovation that advances humanity.

www.ieeeday.org

Upcoming EVENTS

**IEEE Foothill Consultants Network July
Virtual Meeting**
July 02, Wednesday, 06:30 PM to 08:30 PM

**IEEE Foothill Section July ExCom/OpCom
Monthly Hybrid Meeting**
July 08, Tuesday, 06:30 PM to 09:00 PM

**IEEE Foothill Consultants Network August
Virtual Meeting**
August 06, Wednesday, 06:30 PM to 08:30 PM

**IEEE Foothill Section July ExCom/OpCom
Monthly Hybrid Meeting**
August 12, Tuesday, 06:30 PM to 09:00 PM

The IEEE Foothill Section needs volunteers. Join our growing community, and together, let us promote and share our knowledge in STEM.

For more questions and inquiries, email us at sec.foothill@ieee.org.



This newsletter is brought to you by:

www.panatron.com

SOCIAL: MEDIA

