

IEEE FOOTHILL SECTION

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Monthly Newsletter

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nCOVID-19 Message from our Section Chair

by David E. González

On behalf of your Inland Empire IEEE Foothill Section, we hope all are doing well, staying home and healthy. Please take time to remind yourself as often as you can: You are saving lives by staying home and the world is grateful.



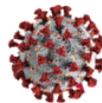
Due to the nCOVID-19 pandemic, the usually scheduled Executive Committee (ExCom) meetings will not be held at the California Baptist University (CBU) campus this month or in the following months. We are all staying at home and doing our part to try to “flatten the curve.”

Our scheduled next ExCom and all following ExCom meetings will be held online via WebEx until it is safe to resume our on meetings on the CBU campus. For ExCom WebEx session, please go to our section's website: <http://foothill.ieee-bv.org/events/>.

If you need to go out, please put on your mask, and if available, also use gloves. Make sure to maintain social distancing of at least 6 feet (2 meters) and washing your hands frequently for at least 20 seconds and use antibacterial gel if you can't wash your hands.

We need to remember and give thanks to all the brave people that are on the front lines that are keeping open and operating our hospitals, clinics, take-out food, grocery stores, trash collectors, mail delivery, etc. They place their lives on the line so we can have these services.

The COVID-19 outbreak knows no boundaries – it will touch every life on earth in some way. Stay well and stay strong!



CALIFORNIA REPUBLIC

March ExCom Meeting



Executive Committee Meeting for the month of March was held at California Baptist University (CBU) campus on March 10, 2020 attended by 22 members. This was held before the COVID-19 Stay-at-Home mandate.

Some parts of February's minutes of the meeting were corrected and approved. Section Chair, David E. González, presented Coronavirus (COVID-19) updates and set the expectation of event cancellations. Jackie Kelley was nominated as voting representative for the Sections Congress on Aug. 21-23, 2020 to be held in Ottawa, Canada. No new members for membership development and it has been down from February probably because of non-renewals purged. Ray Moreno was elected Chair of Computer Society. A joint event with Microwave Theory and Technology Society (MTT-S) on Quantum Computing was discussed. Jackie Kelley, from Woman in Engineering (WiE) attended a California State University, San Bernardino (CSUSB) Faculty Research Seminar and showed pictures of the event. Ms. Kelley announced CSUSB WiE planned workshops and intent of chapter members to attend WiE International Leadership Conference (ILC) in May. Attendance for WiE ILC wasn't voted to fund yet, pending itemized budget spreadsheet to be presented at next ExCom. Young Professionals, headed by Richard Carrasco, is planning to have an event every last Thursday of the month starting in May.

For our Student Section updates, Jordan Miller from CBU reported that they're planning a Printed Circuit Board (PCB) tutorial and announced tentative Hackathon event in Apr. 28th, 2020. Cal Poly Pomona Power and Energy Society (PES) presented their project on mini smart grids. Section approved to fund this project. CSUSB Computer Science and Engineering Club reported on several workshops, Game Night and Amazon Web Services (AWS) Hackathon competition.

Meeting was adjourned at 9:25PM and next meeting is scheduled on Apr. 14th. same schedule and venue.

Cal Poly Pomona IEEE PES meeting

by Gerald K. Herder

Los Angeles Department of Water and Power (LADWP) Engineers Daniel Beese and Yamen Nanne came to Cal Poly Pomona upon invitation of Professor Gerald Herder (Yamen's former Professor) and the student Cal Poly Pomona IEEE PES group along with other Engineering clubs. The genesis of the meeting was the announcement in the 2nd half of 2019 that the LADWP had negotiated a contract for Solar Power from the Beacon/Eland solar project in the high desert north of LA along the 14 freeway which will purchase power at rates less than 2cents per kilowatt-hour (as reported by the LATimes) well below typical contracts.

Daniel started the presentation about the site: primarily the PhotoVoltaic (PV) fields, the transmission substation and battery storage units.



From L-R: Cal Poly Pomona student officers Danica Prather, Josh Michaels, David E. González (IEEE Foothill Chair), Gabriel Valdes, Josephine Marie F. Gabuya CPP IEEE PES Chair, Maximilian Mata, Gabriel Valdes, Ulysses Perez-Ramirez, CPP Professor Gerald Herder, LADWP Engineers and Presenters Daniel Beese, Yamen Nanne

April ExCom Meeting

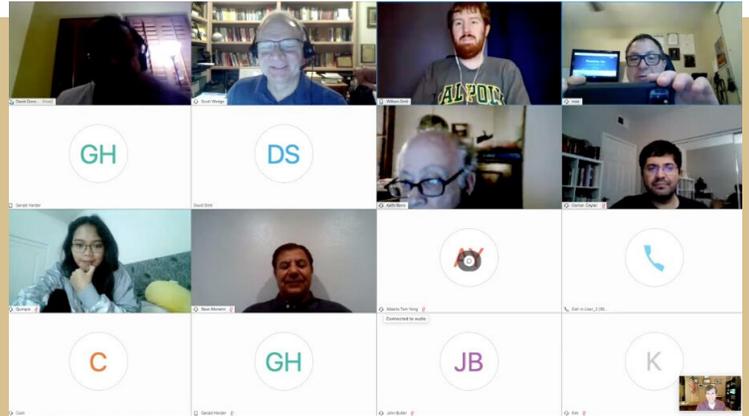
The April ExCom Meeting was on April 14, 2020 attended by 18 members. It was held via WebEx due to the impact of COVID-19. Minutes from the March meeting was reviewed and approved with corrections. A run down of the financial report was made and approved before the Chairman's remarks. With the height of COVID-19 pandemic, Section Chair David E. González stressed on the importance of wearing masks and maintaining social distancing.

Kimberly Mosley's reports got assigned to the wrong section, thus was unable to report recent our section's membership metrics. Dr. Osman Ceylan announced upcoming International Microwave Society (IMS) Conference. Dr. Ceylan also shared future plans for Educational Activities (EA) to provide our section's technical professionals possibility of taking course and receive certificates of completion from IEEE. Our section's multimedia chair, Richard Carrasco, is requesting that all section's groups send him their photos and information so they can be posted on section's Facebook site and other outlets. Max Cherubin proposed a budget meeting together and the possibility of corporate sponsorships.

Communication Society (ComSoc) Chair, Dr. Frank Freyne, reported he is working on organizing an online technical talk (TechTalk) on 5G technologies. He also reported participating on IEEE Region 6 talks on reviewing Code of Ethics proposed changes. Ray Moreno is planning to attend LA Metro CS meetings and looking into a virtual TechTalk on Quantum Computing. Dr. Sean Monemi presented the guidelines of the incoming SusTech virtual conferences. Max Cherubin is trying to have a combined MTT-S and Computer Society TechTalks. Our Womein in Engineering (WiE) Chair, Jackie Kelley, is planning on creating online workshops which will also be recorded. Cash Sutton III had a meeting in February and was elected again as Chair for Consultants Network.

California Baptist University is planning for an online Printed Circuit Board (PCB) tutorial but status is yet unknown. No reports to be made for the rest of the Student Sections. Our University of California, Riverside student branch has not been reporting to section. Our UCR alumnus, Alberto Tam Yong, volunteered to contact UCR student cabinet to get a status report and encourage them to re-engage with the section.

The Executive Committee discussed investigating the use of Zoom as an alternate web meeting platform for the next meeting in May. There will be a Beta-Test made up of volunteers to test and report back on the viability of using Zoom for our meetings.



Afterwards, Daniel presented Yamen, who recently became Electric Transportation Programs Manager at LADWP. Yamen presented about the variety of programs the Department has in development related to electric vehicles. In addition to a number of electric vehicle and chargers incentive programs for LADWP rate payers, the Department is aggressively looking to convert their light duty truck and passenger vehicle fleet to electric within a relatively short time frame, possibly as short as 5-10 years. The Department also supports electric fleet conversion of other vehicles up to large passenger buses which require much more elaborate infrastructure installation including station and overhead charging.

Following a generous Q&A session with the audience, the various student officers joined the speakers and IEEE Foothill members for a few pictures.