

IEEE FOOTHILL SECTION

Monthly Newsletter of the IEEE Foothill Section

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APPRECIATION DINNER FOR DR. FREYNE

IEEE Foothill held an appreciation dinner for Dr. Frank Freyne on Oct. 3, 2019. He was presented a plaque of recognition for his years of tireless efforts working and supporting IEEE.

Dr. Frank Freyne is the current COMSOC Chapter Chair. For a number of years, he was the Chair for IEEE Foothill Section. He received a BEE (Electrical Engineering) with a minor in Nuclear Engineering from Manhattan College and a PhD in Theoretical Physics from UCLA. He has been a staunch advocate of the IEEE mission and a model for the rest of us.

Foothill Section Wants You!

POSITIONS OPEN:

- Computer Society Chair
- Educational Activities Chair
- Webmaster
- Electronic Devices/Circuits and Systems Chair

VOLUNTEERS:

- Upcoming Officer Elections
- Cyber Security Summit in 2020

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Chapter Chair David Gonzales
(DavidGonzalez@ieee.org)
Vice Chair Alberto Tam Yong
(alberto.tamyong.us@ieee.org)



IEEE Foothill Executive Committee Meeting held at TROESH Engineering Bldg., CBU on Oct. 8, 2019.

Foothill Consultants Network

BY CASH SUTTON

Our second meeting on Oct. 2, 2019 included Kimberly Mosley, Michelle Pierce, Raymond Roberts and myself and permitted us the opportunity to explore some other concepts of interest to members in attendance. Items discussed included the following:

1. The concept of joint projects and what that might mean for committee members. The concept of an Evergreen Retainer was shared as a method of funding a project. We also discussed researching existing joint venture contracts with the idea of partnering. In the construction industry, we discussed monitoring projects of interest and contacting the related companies on the bidders list for an opportunity to support them on the projects listed as a way of introducing ourselves and developing the relationships necessary to be considered a subcontractor. We discussed mining city council meeting for future planned projects; pending legislation and the impact on our use of technology such as the green energy initiative for solar, electric vehicle charging stations and IOT.
2. We emphasized that the committee members should not be in competition but should be involved because of our diverse backgrounds. We discussed basic business concepts that might be addressed at different meetings or conferences such as taxes, staffing issues, collections, what's available for marketing and business development and how to negotiate for a loan.
3. We discussed the motivation to be an entrepreneur and the importance of business acumen as well as technical knowledge; how important it is to identify a personal niche and how to market it. The transition of the traffic light and electric signs to computerized networks were presented as examples.
4. All of us are aging, what is our succession plan. Are there younger engineers who may be interested in learning the business?
5. Do you have asset protection in place so that a mistake doesn't bankrupt you?

No conclusions were drawn because we need more assistance in the next meetings.

Upcoming Events

IEEE INTERNATIONAL SYMPOSIUM ON DYNAMIC SPECTRUM ACCESS NETWORKS
Newark, NJ, USA

NOV. 11-14

IEEE CONFERENCE ON NETWORK FUNCTION VIRTUALIZATION AND SOFTWARE DEFINED NETWORKS
Dallas, Texas, USA

NOV. 12-14

CONSULTING IN CALIFORNIA: UNDERSTANDING AB 5, AND KEEPING YOUR INDEPENDENCE
SEMI, Milpitas, CA

NOV. 12
7PM

MEDICAL DEVICE LEGACY SOFTWARE TO IEC 62304
San Diego, CA

NOV. 12
6PM

IEEE FOOTHILL SECTION MONTHLY MEETING
Cal Baptist University

NOV. 12
6:30PM

DATA-DRIVEN ANALYSIS OF EVENTS IN DISTRIBUTION SYNCHROPHASORS
San Diego, CA

NOV. 13
6PM

TOWARDS MONOLITHIC QUANTUM COMPUTING PROCESSORS IN PRODUCTION FDSOI CMOS TECHNOLOGY
Irvine, CA

NOV. 15
10AM

IP NETWORKING FUNDAMENTALS AND ADVANCED PRACTICE. APPLICATION TO BROADCAST SYSTEMS
San Diego, CA

NOV. 20
5:30PM

USING PHOTONICS TO MAKE MORE ENERGY EFFICIENT DATA CENTERS & COMMUNICATIONS
Goleta, CA

NOV. 20
6PM

AI FOR GOOD
Irvine, CA

NOV. 20
6:30PM

STUDENT CHAPTER

IEEE-PES CAL-POLY, POMONA

BY: MAXIMILLIAN MATA



Site tour and presentation by Jade Thiemsuwan at the SDG&E facility in El Cajon.



A site tour facilitated by Gabby Meyer of The Boring Company in Hawthorne. The group witnessed and experienced the new technology being used that's twice as fast than their previous methods.



Photo includes Joey Gabuya (President) on the left and Gabriel Valdes (Co-Public Relations) on the right.



Photo includes Sarah Camacho (Scheduler) on the left chair and Catherine Szygal (WebMaster) on the right chair. Maximillian Mata (Co-Public Relations) in the white shirt.

2019 IEEE XTREME STUDENT COMPETITION CAL BAPTIST UNIVERSITY

