

# IEEE FOOTHILL SECTION

Monthly Newsletter of the IEEE Foothill Section

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## CORPORATE SPONSORSHIPS

### PANATRON, INC.

We're looking for more corporate sponsors.  
For information, please contact:  
Chapter Chair David Gonzales  
(DavidGonzalez@ieee.org)  
Vice Chair Alberto Tam Yong  
(alberto.tamyong.us@ieee.org)

## September ExCom Meeting

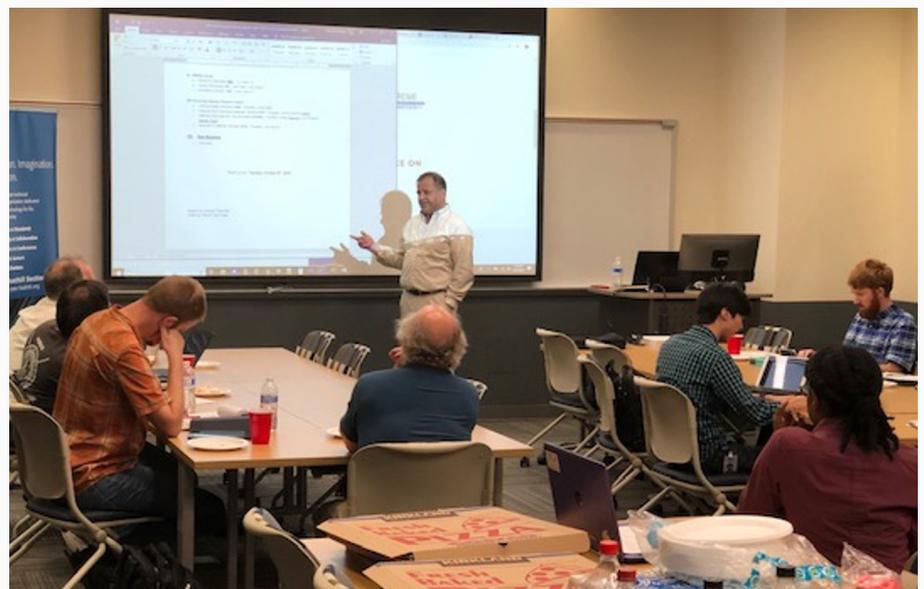
by MAX CHERUBIN (mail@maxcherubin.com)

Last September 10 2019, IEEE Foothill Section had it's ExCom meeting at Cal Baptist University attended by 19 members.

David Gonzalez, the IEEE Foothill Section Chair, led the discussion on the following:

- i.) IEEE-USA elections is ongoing and the section elections is in December thus the high need for more volunteers and to fill up some open posts as well.
- ii.) He will be attending the Sustech conference in April 2020 to be held in Long Beach, CA. He will be requesting a fund assistance and will be processing it by next month.
- iii.) A 1-day training for all officers. This will be held on Oct. 12, from 8AM to 4PM.

David also mentioned the upcoming IEEE Day on Oct. 1 and the Region 6 Area meeting on Oct. 26.



# Student Chapter

BY ALBERTO TAM YONG

Student branches are getting ready for their new Academic Year to start. California Baptist University, California State University - San Bernardino, California Polytechnic State University, Pomona, and University of California, Riverside, are the universities in IEEE Foothill Section that have Student Branches. They all host Workshops, Technical Talks, projects, and many kinds of events.

If any student is interested on learning more about it, check the local Student Branch at the university. Moreover, CBU will be hosting the IEEE Xtreme - Student Programming Competition. This is a global event, but CBU will be hosting the local arrangements for those interested. More information about the competition can be found here: <https://ieeextreme.org/>

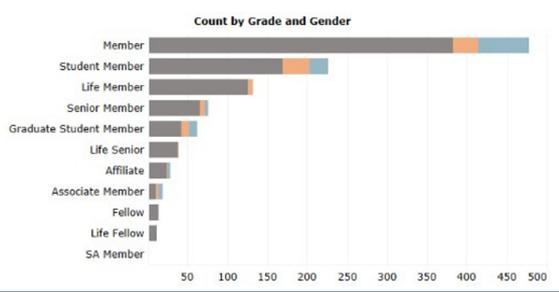
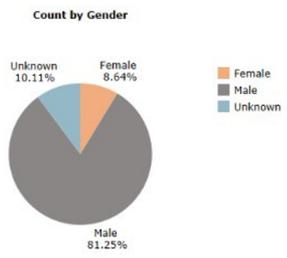
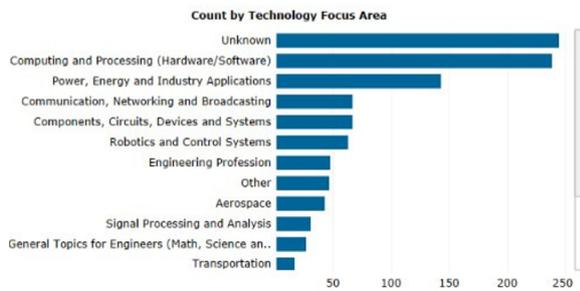
For local arrangements, contact the IEEE Student Branch at CBU.

# Membership Statistics

BY KIMBERLY MOSLEY

Count by Region and Grade

Region Council	Section	Grade Category	Grade	Total
R6 Region 6 No Council	Foothill Section	IEEE Grades	Fellow	14
			Graduate Student Member	62
			Life Fellow	12
			Life Member	132
			Life Senior	39
			Member	478
			Senior Member	76
		Other Grades	Student Member	226
			Affiliate	29
			SA Member	1
			<b>Total</b>	<b>1,088</b>
			<b>Total</b>	<b>1,088</b>
			<b>Grand Total</b>	<b>1,088</b>



## CALIFORNIA BAPTIST UNIVERSITY UPCOMING EVENTS

- \*Sending 3 officers to club fair
- \*Robotics basics tutorial - leading into Micromouse competition
- \*Soldering tutorial
- \*Hackathon planned with ACM (Association of Computing Machines)
- \*LED cube tutorial
- \*IEEE Xtreme Oct 19
- \*Game night

## PROFESSIONAL CHAPTER

### COMMUNICATION SOCIETY (COMSOC) DR. FRANK FREYNE

Looking into a talk on 5G in late fall/winter. Possible topics are: Antenna design, Device design, Attenuation issues.

### COMPUTER SOCIETY (CS)

Chair post is still open. An invitation to become Chair will be sent to all CS members.

### CONSULTANTS NETWORK (CN) CASH SUTTON

Wanting to develop relationship with working professionals and with local companies to enhance networks. Meetings will be every 1st Wednesday of the month.

## UPCOMING EVENTS

Power Electronic-based  
Distribution Systems (PEDS)  
**OCT. 9 AT 6:00 PM (SAN DIEGO)**

IEEE OC Section ExCom Meeting  
**OCT. 10 AT 6:00 PM (IRVINE)**

Leveraging Innovation Team Success  
with Systems Thinking  
**OCT. 14 AT 6:00 PM (SAN DIEGO)**

Towards Sustainable Electric  
Transportation Systems  
**OCT. 16 AT 6:00 PM (GOLETA)**

2019 IEEE GHTC Conference  
**OCT. 17 - 20 (SEATTLE, WA)**

Simulation and Modeling  
of Spacecraft Electric Propulsion  
**OCT. 17 AT 6:30 PM (AGOURA HILLS)**

2019 IEEE Xtreme Student Competition  
**OCT. 19 (IEEEXTREME.ORG)**

IEEE Region 6 Fall Southern Area Meeting  
**OCT. 26 AT 9:00 AM (UCLA)**

QoE-based optimization for video communication  
over the Internet, Wi-Fi, LTE and 5G networks  
**OCT. 31 AT 5:30 PM (SAN DIEGO)**