

IEEE FOOTHILL SECTION

Serving to Enhance the Community

Monthly Newsletter

Upcoming Events

Foothill Consultant Network Meeting

March 4 at 6:30 PM (DeVry)

Section Monthly Meeting

March 10 at 6:30 PM (CBU)

SET Congressional Visits Day 2020

March 24-25
(Washington, DC)

CNSV Seminar: Legal Issues for Consultants

March 27 at 9:00 AM
(Mountain View)

Corporate Sponsorships

Panatron, Inc.
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Professional & Forensic Engineering and Expert Witness Career Progression Talk

by Dr. Frank Freyne

On the evening of January 13, 2020, the IEEE Foothill Section and the IEEE Foothill Consultants Network (FHCN) hosted a presentation by Robert Peruzzi, PhD PE, of the IEEE Philadelphia Section. Robert is a member of the active Consultants Network in the IEEE Philadelphia Section, called CONET. Robert was in Southern California for a preplanned attendance at the National Academy of Forensic Engineers (NAFE) annual meeting; this year held in San Diego. Fortunately, Robert was able to stay over for an additional day to come to California Baptist University in Riverside to give us an informative talk.

Our thanks to Robert Peruzzi for making a detour on his San Diego visit and making an excellent presentation to the IEEE Foothill Section. And, as Robert is pleased to report, he has been able to increase his billable hour rate for Independent Consulting; success is coming his way. Careful planning and preparation always brings success.



Executive Committee Meeting for January

Held in the regular meeting location at CBU on January 14, minutes from previous meeting was reviewed, number of attendees corrected and was approved. A detailed Treasurer's Report was presented and approved as well.

Chairman's Remarks

Election results will be announced next month. Rising Stars had a large showing and IEEE Region 6 OpCom will be in Feb. 7-9. Request for registration for SusTech in Apr. 23-25 was supported, as well as motion to fund Amazon gift cards for IEEEExtreme Competition winners. A budget meeting is in plan and Max is also looking to do Cyber Security summit in Apr. 18, 2020.

Technical Societies and Committees

Dr. Frank Freyne is planning an event in February for Communication Society.

For MTT/APS, a presentation was given about the IMS Conference in June 21-26 in Los Angeles. A talk is being planned at CPP in February and at CBU in March.

Affinity Groups

WiE CSUSB gave a presentation about Rising Stars conference. Several events are planned for the next 2 months and Faculty Research Seminar will be in Feb. 28, 2020.

Consultants Network also gave a presentation about Expert Witnessing and Forensic Engineers.

Student Section Updates

CSUSB is planning of workshops every week through the 21st of February. Hackathon will be on Feb. 21, 6pm to 12pm, Feb. 22 and Game Night will be on Feb. 28 at 6:30pm.

UCR have several workshops planned and will have guest speakers at the general meetings.

New Business

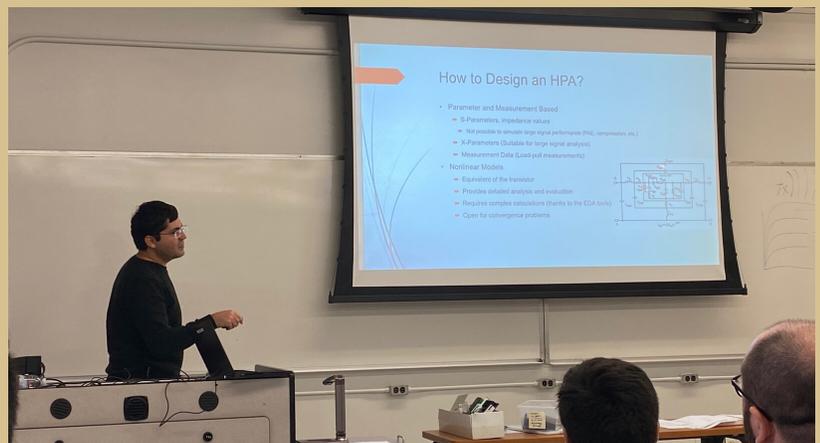
David Gonzalez is requesting more cooperation between the university campuses. Elections is open until January 31 and next meeting date is on Feb. 11, 2020.

IMS Linear HPA Student Workshop

International Microwave Symposium for this year will be held in Los Angeles on June 21-26, 2020. To help invite and prepare students for the student competitions, a workshop was presented by the MTT/APS at Cal Baptist University on Jan. 30, 2020.

Guest speaker Dr. Osman Ceylan was the guest speaker and made a technical presentation of the following:

- 1) High Power RF Transistors
- 2) Modern Large Signal Measurement Techniques
- 3) Essentials of High Power Amplifier Design
- 4) A Brief Course: How to Design a HPA
- 5) IMS-2020 and Student Design Competitions



Dr. Ceylan urged the students to join the student design competition of "Linear High Power Amplifier Design by Maury Microwave, whom he works for, at the IMS on June 23. Deadline of registration is March 27, 2020 and prizes at stake are \$1500 for the 1st place, \$1000 for the 2nd and \$100 for all invited participants.

To learn more about the competition and rules, please visit the IMS 2020 official website at: www.ims-ieee.org