

IEEE Region 6 Central Coast Section Report of Event

Function: IEEE ExCom Central Coast Section (CCS) meeting
Date: 07/05/2023, 1730—1900 hours
Attendees: Ruth Franklin, Chairperson
Dan Bezzant, Industry Liaison
Wayne Rothermich, Treasurer
A Meyyappan, PACE Chairperson
Francis C. Arnoult, Secretary

Location: Meeting was held as an in-person meeting at Marsala Spice Restaurant, 5796 Calle Real, Goleta, CA 93117

Agenda topic headlines (agenda provided by Ruth Franklin):

- Explore alternative locations for monthly meetings.
- Explore ways to spend funds allocated by IEEE Piscataway to CCS to benefit IEEE CCS and local technical educational organizations.
- Identify & work with student organizations, IEEE Student Branches, at UCSB, SBCC and CalPoly.
- Identify speakers for future meetings October, November & December 2023.
- Possible use of IEEE Distinguished Lectures.
- Discuss having simultaneous in-person & Zoom broadcast of monthly CCS lecture meetings.

Meeting Notes:

1. Ruth Franklin pointed out that Rusty's Pizza Calle Real location has raised prices for use of the meeting room (we use 2 sections and now pay for 2 sections). Alternative venues could be considered for regular monthly IEEE CCS lecture meetings and for the annual Winter Holiday Dinner party meeting.
 - a. CONS for Rusty's Pizza:
 - i. Increased \$-cost/ meeting. \$230 rental for the two room-sections (was \$90 in August 2022).
 - ii. Poor lighting in rooms.
 - iii. No WiFi connectivity to facilitate easy Zoom broadcast meetings.
 - b. PROS for Rusty's Pizza:
 - i. Good, central location for UCSB university, local industry and SB City College.
 - ii. Food service readily available (pizza, salads, soft drinks & beer) at modest pricing.
 - iii. Ease of reservation of facility.
 - iv. Relatively low room reservation \$-cost/meeting.
 - c. Suggestions for alternative venues:
 - i. Goleta Elks Club; Dan Bezzant will check.
 - ii. Brass Bear Restaurant; Chris Arnoult will check.
 - iii. Goleta Library meeting room; Meyyappan will check.
 - iv. Mulligan's at SB Golf Course; we have used this for annual Holiday Dinner & maybe other event dates.
 - v. Investigate possible meeting rooms at other venues (hotels, clubs, etc.).
2. Speakers/presenters/lecturers:
 - a. Dan Bezzant and Meyyappan have arranged for speakers for July 19 and August 16 IEEE CCS meetings. Good work!
 - b. Ruth Franklin has talked again with Bill Dinklage, Earth Sciences & Geology at SBCC, about giving a presentation for the September 20 meeting, but he has not committed to the date.

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- c. Possible use of IEEE Distinguished Lectures for future meetings: October, November, December 2023.
- 3. Zoom broadcast our monthly IEEE CCS lecture/presentation meetings:
 - a. Live Zoom broadcast and possibly later podcast of meetings might encourage more participation from the Student Branches at UCSB, CalPoly and SBCC.
 - i. For CalPoly IEEE members it is a long automobile drive (100 miles) to attend a meeting in Goleta. However, by being a “listeners/watchers” via Zoom, CalPoly members could be participating in IEEE CCS more directly.
 - ii. Other members & visitors might “tune in” also just to catch the meeting.
 - b. Technical issues:
 - i. Limited experience running broadcast Zoom meetings. We will have to learn by doing.
 - ii. Rusty’s Pizza does not have WiFi that can be used.
 - iii. Cellular telephone signals are poor inside the facility.
 - 1. Chris Arnout “mapped” the T-Mobile cellular signal at Rusty’s Pizza Goleta. Poor signal levels using a handheld mobile telephone unit. See attached data.
 - c. Solutions:
 - i. Dan Bezzant has a video camera that can be used for video and sound broadcast/recording. Run the Zoom application on a laptop computer.
 - ii. IEEE CCS should purchase a dedicated Hotspot cellular telephone-to-WiFi device which may have better cellular signal connectivity by use of a more sophisticated antenna system.
 - 1. \$-Cost for technical solution:
 - a. About \$400.00 for the Hotspot device.
 - b. Unknown \$/month to maintain a cellular telephone contract (a cell phone telephone number) with a service provider. Guessing \$50-\$100/month.

T-Mobile cellular telephone signal quality at Rusty’s Pizza, Calle Real, Goleta, CA on 07/05/2023.

Here are my “precision signal strength measurement” results using my Motorola G6 mobile phone as a detector S-meter. The signal strength indicator icon on the telephone, a little triangular shape, has 4 gradations: FULL, 2/3 full, 1/3 full and 0 full.

<i>T-Mobile cellular signal indication at Rusty’s Pizza Calle Real Goleta</i>		
<u>Location</u>	<u>Signal Indication</u>	<u>Comment</u>
Near back of parking lot	FULL	
Inside near front windows (near salad bar)	FULL—2/3	Fluctuates
Inside just outside the door to our meeting room	FULL—2/3	Fluctuates
Inside the meeting room near the door	2/3—1/3	Fluctuates
Inside the meeting room near the back of room	2/3—1/3	Fluctuates

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The fluctuation seemed to be partly a function of mobile cell phone unit orientation, my personal movement and possibly the cell signal variation. A different mobile telephone unit (make & model) using the same mobile cellular service might make a difference. And a different mobile cellular service might have better signal results.