

FEBRUARY 1988

The

ORLANDO SECTION MONTHLY

CIRCULATION 1250

IEEE

COMMUNICATIONS/VEHICULAR TECHNOLOGY (COM/VT)

Stuart Meyer, W2GHK, President of IEEE-VTS will present a narrative Slide Show Presentation starting with the primitive systems of the twenties, early Police Two Way, Post War inception of high band, the move to UHF with the creation of the Community Repeater. Also covered will be the growth of the use of Hand Held Portables, early attempts to use digital and the introduction of single sideband techniques. The presentation concludes with 800 MHz Trunking Cellular, air to ground and the satellite aided Public Service Proposal.

Mr. Meyer is past president of the QCWA and a Vice-President of AFCEA. He has worked for Link Radio where he introduced a (manually switched) cellular radio system in 1951. He has held positions as President of Hammerland Manufacturing Company, Manager of Government Relations for RCA, and recently retired as Director of Government & Industry Relations for the E.F. Johnson Company.



Date: February 18, 1988

Time & Location: 6:30 pm, Holiday Inn, South Orange Blossom Trail at Sand Lake Road

Menu: Steak Terriyake or Trout D'Mer Amandine, \$15.00

Reservations: Required, contact Ed Ellis at 834-3319.

CHAIRMAN'S CORNER

February, 1988

About the time you receive this bulletin, Southcon/88 will be at your doorstep. Held at the Orange County Convention Center on March 8, 9, and 10, this is an event most practicing engineers will not want to miss. Dr. Zeiberg, Vice President of Research and Engineering at Martin Marietta Electronics & Aerospace has been invited to speak at our opening Tuesday keynote event. Some engineers may want to attend the numerous professional technical programs being offered, or just look at the exhibit area, the largest in Florida this year for any conference. If time is at a premium, the exhibits area will be open until 7 pm Tuesday. At the time of this writing, 88% of the exhibit floor space was accounted for, meaning over 415 exhibits will be on display. In the past I have found this to be a good place to obtain the latest in published catalogs from electronic representatives all over the country.

Along with our slate of technical meetings this month, we are featuring our first social event for the year to celebrate Engineering Week. I hope you will join with us in honoring the exemplary engineers in industry, education and top performing students in our community at our Annual Awards Banquet on Saturday, February 20. We have a fine speaker lined up, Gary Green, Orlando Airport Authority Director of Operations, and a steak dinner planned. Social hour begins at 6:30 pm with dinner at 7:15 pm at the House of Beef, on the corner of John Young and Route 50. Cost is \$20 per person. Call me for your reservation: 356-7752 weekdays, or 678-0979 evenings and weekends.

Geoffrey Dick

Orlando Section Chairman

The Executive Committee Meets on the first Tuesday of each month at 5:30 pm. The location is Automation Intelligence (Gould, Inc.), 1200 West Colonial Drive, Orlando. All members are invited to participate.

EXECUTIVE BOARD

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COMMUNICATIONS/VEHICULAR TECHNOLOGY

(COM/VT)

Topic: "ISDN - Integrated Services Digital Network"

Speaker: Paul Carroll, Stromberg Carlson Program Manager

Date: February 10, 1988

Time & Location: 7:30 pm, Stromberg Carlson, Rinehart Road, Lake Mary,
(use front entrance off second driveway)

Contact: Reservations are required. Contact Ed Ellis, 834-3319.

ACOUSTICS, SPEECH & SIGNAL PROCESSING

(ASSP)

Topic: "Fundamental Pattern Recognition Consideration"

Speaker: Arnold Williams, Martin Marietta Corporation

Date: February 24, 1988

Time & Location: 5:30 pm - 7:00 pm, CEBA 122

Contact: For further information contact Ali Atashroo, 356-3462

ELECTRON DEVICES/COMPONENTS, HYBRIDS

and MANUFACTURING TECHNOLOGY

(ED/CHMT)

Topic: "Stresses in Tape Automated Bonding"

Speaker: Mr. Jerry Plite, Martin Marietta Electronics Systems

Date: Wednesday, February 17, 1988

Time & Location: 6:30 pm, UCF

Contact: Robert Canright, 356-7909 or Harold Brown, 281-5795

IEEE STUDENT BRANCH

Tour of Martin Marietta Aerospace's East Plant

Date: February 2, 1988

Time: 9:00 am until 12:00 pm

Tour of the Westinghouse Orlando Energy Center

Date: February 9, 1988

Time: 9:00 am until 11:00 am

Contact: For more information concerning transportation and meeting places,
contact Jorge Cadiz, IEEE Student Branch Chairman at 679-8040.

The Student Branch is in the process of organizing a Student Professional Awareness Conference (S-PAC). We will be inviting speakers from around the nation for a day long conference which will be concluded with a banquet. The Speakers will address nontechnical subjects which affect engineer's careers. Tickets will be sold for this event, which will occur in early April.

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Electronics Engineers**
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TIME SENSITIVE MAIL

COMPUTER SOCIETY

Topic: "Multiple Bus Multi-Processors"

Speaker: Dr. L.M. Bhuyan

Date: February 8, 1988

Times & Locations: 2:00 pm, UCF, CC2 Room 103
and 7:00 pm, Orlando Public Library, Magnolia Room

Contact: For further information contact Dr. Narsingh Deo at 275-2341
(evenings call 679-6186).

POWER ENGINEERING SOCIETY/INDUSTRY APPLICATION SOCIETY (PES/IA)

Topic: "Vacuum Technology for Circuit Breakers & Contactors"

Speaker: Joseph Force of Toshiba Corporation. Mr. Force is Manager of
Toshiba's Switchgear Div. and is a 30-year veteran of the switchgear industry.

Date: Thursday, February 25, 1988

Time & Location: 6:00 pm for Dinner, 7:30 pm for Technical Meeting. The
location will be the OMNI International Hotel, 400 West Livingston Street,
Orlando.

Program: Vacuum interrupters are now available over a range of 1,500 to
38,000 volts, have continuous current ratings of 3000 amps and are used in
contactors as well as circuit breakers. The program will focus on the features
and benefits of this technology, and will outline key application principles. A
5000 volt vacuum circuit breaker will be available for inspection.

Reservations: Reservations are required for the dinner or the meeting. Deadline
for reservations is Tuesday, February 23. Call Mike Haddad (281-2393), Bob
Gray (281-3269) or John Boynton (894-5593).

*Please note that the Hotel requires a minimum guarantee. Anyone cancelling a
dinner reservation after February 23 will be expected to pay full price.*