

RockIEEE Overlook



APRIL 1995

SITTING IN THE CHAIR

by Robert Struthers

This issue of the *RockIEEE Overlook* brings you announcements of several local Chapter meetings, conferences and technical meetings in the area. Do you know what these chapters are, the purpose of the conferences, and who sponsors the activities? What is the Denver Section and it's relationship to other IEEE units?

To understand the organization of the IEEE, we should first look at it's purpose and goals. The IEEE has two stated purposes, (a) scientific and educational, directed toward the advancement of theory and practice of electrical engineering, and (b) professional, directed toward advancement of the standing of members of the profession.

We can see that with these broad goals, considerable organization is required. Since the means of accomplishing these goals is primarily through volunteers, the organization must have local units to obtain the service of, and bring benefit to the membership. A central organization of paid and volunteer labor is also needed to provide consistent, quality services such as publishing and other member services.

Advancement of theory and practice is accomplished by Technical Societies (such as Vehicular Technology or Information Theory). Societies perform review and publishing of technical papers, preparation and publication of standards and recommended practices, and holding of conferences, through the efforts of volunteers. The conference provide a platform for the presentation of papers and an opportunity for committees to meet and

prepare standards and guides.

The U.S. Activities Board (USAB) advances professional standing in the U.S. This board prepares surveys and recommendations on professional concerns such as salary, service contracts, pensions, licensing, and others.

The IEEE is decentralized in geographical divisions to bring the services to, or volunteer work from the membership. A central Regional Activities Board (RAB) oversees activities of the regional divisions. The U.S. consists of Regions 1 through 6, with Regions 7 through 10 located throughout the rest of the world. Each Region is further divided into Sections and Subsections. The Denver Section is a part of Region 5. The Denver Section has two subsections which cover membership centers outside the metro area, -- the Centennial and the Black Hills Subsections.

The Section provides support to help organize Chapters of the Technical Societies and publicize their activities. The chapters are part of the Section, and the Chapter Chairs are members of the Section Executive committee. The Section also supports student activities, Student Branches of the IEEE, and Professional Activities programs.

Conference programs are planned and implemented by the Technical Societies, but local arrangements such as hotels and registration are carried out by volunteers from the local Chapters and Section. The Section tries to attract conferences to the area to give local access by the members to the technical activities provided at a conference.

The Society Chapters which have been

organized in this Section are listed on the back page of the *RockIEEE Overlook*. Contact the officers listed, if you want to participate in activities other than those meetings that are publicized. New Chapters can be organized if you don't find the technical area of interest to you in the existing chapters.

SIDETONES

Signals from/about the Membership

There is a new technical chapter which is available for you now--the **COMPONENTS, PACKAGING, AND MANUFACTURING TECHNOLOGY SOCIETY CHAPTER**. The field of interest for this society is the scientific, engineering and production aspects of materials, component parts, modules including hybrids, and electronic systems. This includes the selection, application, assembly, interconnection, packaging, handling, thermal management, reliability, testing and control of the above in design and manufacturing. The officers are listed on the back page; please call them and let them know your interests in this area of technology.

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The chapter **'ENGINEERING IN MEDICINE AND BIOLOGY'** needs your help. The Chapter Chairman, Bill Hickey, has resigned due to pressing personal circumstances. If you can help with the reorganization of this chapter, please contact Fred Jones, (303) 988-2951.

SOMETHING SPECIAL: Do you notice the color paper this time? If you have made it this far in the reading, congratulations. We know that there are many out there who are not reading this informational paper. We are glad that your not one of them. From time to time we shall change the color to catch your eye.

The **DENVER SECTION** will be sponsoring some important seminars for your professional well being. The Employment Seminar scheduled in February was postponed and will now be presented in October. We are considering presenting seminars on Stress Management/Time Management and on Management of Finances/Planning for Retirement. We need you feedback and support in planning. These will be presented in September and November. Please contact Paul Meisel, (303) 673-9930 with you offer and help and input.

It is very obvious when we attend Executive Board meetings that there are more activities which we want to provide for the Section but do not have the volunteers available. If you want to **become involved** with the Denver Section, even in a small way, please contact Bob Struthers, (303) 843-2235.

We have two large events coming to the Denver Section during 1996--the **Power Engineering Society Summer Meeting** with the PES Chapters Congress following and the **IEEE Section Congress '96** which will be held here in Denver in November, 1996.

John Martin, past regional director, is chairing this activity which is already becoming a full time activity. Fortunately, the Denver Section has someone so capable as John to work on this project. If you would like to be involved, please contact John.

You who aren't attending Section and Chapter meetings are missing some exceptional speakers and topics.

GREAT NEWS!! The Black Hills Subsection is making an effort to reorganize. See the meeting notice in the Meetings announcement section.

SOCIETY/CHAPTER MEETINGS

JOINT COMPUTER/INFORMATION THEORY SOCIETY

"Internet SLIP Account Demonstration"
When: Tuesday, April 25, 7-8:30PM
Where: Telephone Express/Internet Express Training and Demo Building
4500 Cherry Creek Drive South, #950 (near Cherry Creek Inn)
Reservations: Shah Bhatti, (303)673-8915 or Bryce Chapman, 235-3306, or E-mail: b.chapman@ieee.org
(Future meetings will be sent if you E-mail your address.)

Come see the windows interface onto the Internet, using low cost services from Internet Express. Click on the provided Icons for emailing documents, using Gopher, the World-Wide-Web(WWW), News Reader, Mosaic, ftp, telnet, rlogin, etc. Use all at the same time with a SLIP account, transferring files while browsing the WWW.

BLACK HILLS SUBSECTION

What: Organizational Meeting
When: Thursday, April 6, 6PM
Where: Shakeys, 720 Indiana Street, Rapid City, South Dakota
Agenda: Election of officers and discussion of the Subsection direction
Reservations: Mike Pendo, (605)394-5278
COMMUNICATIONS/VECHICULAR TECHNOLOGY SOCIETIES
When: Thursday, April 13, Dinner 6PM, Presentation 7PM
Where: Garcia's Mexican Restaurant, 5050 S. Syracuse Street, Denver Tech Center. Take I-25 to Belleview Exit #199, Drive east one block, turn north on Syracuse.
Speaker: Mark Vonarx, Omnipoint Corporation.

Agenda: Spread Spectrum Systems for Personal Communications Systems (PCS). Omnipoint was founded by Robert Dixon. Mr. Dixon has more than 25 years of experience in design, development, and analysis of spread spectrum systems.

OTHER MEETINGS/INFORMATION

Communications in the Cross-Cultural Workplace Conference See Event Horizon

This conference will document, explore, and discuss the issues surrounding English language communication: 1)The impact on productivity, 2)The requirements of the "new" American workplace, 3)Recruitment, retention, promotion, and upward mobility, 4)Assessment and placement tools using TOEIC. Contact: ICI-US International Communications, (607)748-9500, Jack Smulowitz

CALL FOR PAPERS NETfair '95-- sponsored by The Rocky Mountain LAN User's Group. This is a conference and trade show featuring the latest technological advancements in computer networking technology both in the classroom and on the exhibit floor, making it a "can't miss" event for attendees annually. Contact Larry McNiff, NETfair Conference Program Chair, Datanet Services, Inc. 37 Cottonwood Drive, Evergreen, CO 80439

EDUCATIONAL OPPORTUNITY

Did you know that the IEEE Communications Society offers classes and workshops on business communications? With the increasing emphasis on quality of products and services, the quality of communication becomes even more important. Yet very few technical people ever get adequate training in these critical skills. If your organization is concerned with improving their communications, the PCS courses are a very cost-effective way to support this area of professional growth. These custom-designed courses focus on such topics as writing proposals and technical reports, making effective oral presentations, and improving general writing skills.

If your technical chapter or company would like a short presentation on the PCS courses, or for more information, call Mike Magyar (303)530-0788 or Fax(303)763-7070. Miki is the western U.S. representative for the PCS courses. She has over 12 years experience in writing, editing, and teaching in the technical communications field. In addition to the PCS courses, she also teaches seminars on interpersonal and group communications, and can tailor classes to your specific needs.

April 26-27, 1995

Colorado Convention Center

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CHAPTER



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Wednesday, April 26, 1995 8 a.m. - 7 p.m.
Thursday, April 27, 1995 8 a.m. - 5 p.m.

Colorado Convention Center 700 14th St. Denver, Colorado

Free Shuttle Parking available.

Avoid Registration Lines --
Preregister by April 15 to receive show materials. After April 15, present form below at door for complimentary admission.

Rocky Mountain Technology EXPO
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COMPANY/ORGAN. CLASSIFICATION

A _ Aerospace
B _ Communications
C _ Computers
D _ Consumer/Entertain.
E _ Engineering/Consult.
F _ Electronic Compon./Devices
G _ Government/Military
H _ Medical
I _ Test Equipment
J _ Other _____

JOB FUNCTION

A _ Administration/Management
B _ Design
C _ Engineering
D _ Marketing/Sales
E _ Packaging
F _ Production/Manufacturing
G _ Purchasing
H _ Research/Devel.
I _ Test/QC/QA
J _ Other _____

INTEREST

A _ CAD/CAM/CAE
B _ Computer Periph./Sftwr.
C _ Consult/Fabrication Svcs
D _ Controls
E _ Electro-Mechanical Components
F _ Electronic Packaging
G _ Instrumentation/Test Eq.
H _ Measurement Systems
I _ Production Eq./Materials
J _ RF and Microwave Prod.
K _ Test/Inspection Equip.
L _ Other _____

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DENVER SECTION
JOINT POWER ENGINEERING/INDUSTRY APPLICATIONS
SOCIETY CHAPTER
 ANNOUNCES A SIX HOUR SEMINAR
 BY
MR. WALT ELMORE of ABB (THE GURU OF RELAYS)
 TOPIC: RELAYS--A SHORT COURSE
 EVOLUTION OF RELAYS
 Relay Communications (Power Line Carrier, Microwave, Fiber Optic)
 Line Protection
 Transformer Protection
 Motor Protection

DATE: **APRIL 20, 1995 TIME: 8:30AM-4:30PM**
 PLACE: Public Service Company of Colorado--Lecture Room, 1st Floor
 938 Bannock Street, Denver
 Cost: \$85 per person (Cost Includes Lunch)
 For More Information Call: Ben Carr at (303) 674-1398
 Flier for Full Registration will be mailed separately.
 FOR PREREGISTRATION--CALL BARBARA at the Peterson
 Company, (303) 388-6322
 BE SURE TO MAKE RESERVATIONS EARLY
 Maximum number for Registration will be 100.

**SPECIAL MEETING NOTICE FOR PES/IAS SEMINAR
 ON APRIL 20.**

Location of the seminar is 936 Bannock Street (Downtown Denver). Lunch is catered and included in the cost of the seminar. **BE CAREFUL WHERE YOU PARK. PARK IN THE LOCATION SHOWN.**

THE EVENT HORIZON

April 3, 1995--Communication in the Cross-Cultural Workplace Conference, Northern Telecom, Keystone Room, 5575 DTC Parkway, Denver Tech Center, Englewood, CO, Sponsor: ICI-US International Communications, 3301 Country Club Road, Ste 2205, Endwell, NY 13760, (607)748-9500, Fax(607)748-9614

April 20, 1995--IAS/PES Seminar

April 19-21, 1995--1995 IEEE/DATC Workshop on Electronic Design Processes, Breckenridge, CO, Sponsor: Computer Society, (202) 371-1013

May 19, 1995--EMC 5th Annual Regional Symposium, NIST, Boulder, CO, Contact: Bob German, (303) 444-2472

August 7-9, 1995--1995 IEEE/LEOS Summer Topical Meetings: Flat Panel Display Technology, Keystone, CO, Sponsor: Lasers and Electro-Optics Society, (908) 562-3894

August 7-9, 1995--1995 IEEE/LEOS Summer Topical Meetings: Technologies for a Global Information Infrastructure, Keystone, CO, Sponsor: Lasers and Electro-Optics Society, (908) 562-3894

August 9-11, 1995--1995 IEEE/LEOS Summer Topical Meetings: IC's for New Age Lightwave Communications, Keystone, CO, Sponsor: Lasers and Electro-Optics Society, (908) 562-3894

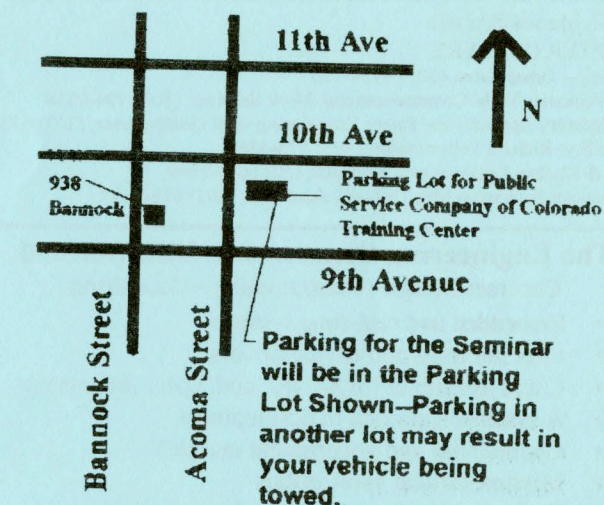
September 14, 1995--Denver Section Financial Planning Seminar, Paul Meisel, (303)673-9930

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April, 1995

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E-mail: jshroed@du.edu

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Educational Activities--
RockIEEE Overlook Editor, Paul Meisel, 303-673-9930, Fax 673- 9936
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