Sitting in THE Chair
Darrell Sabatka, Section Chair

This month I want to share some of the activities in a typical Section Board meeting. Besides eating pizza and drinking soft drinks, the Board, under the request of the Executive Committee, carries out numerous functions. The first item at the last board meeting was to find a replacement for our secretary, Subrata Dey. Subrata resigned due to increased travel requirements with his company. Mike Meister resigned his position as Vice Chair Member Services and accepted the position of Secretary. Bill Whipkey was nominated as Vice Chair, Member Services. The Executive Committee has approved both these position changes. I also appointed Fred Jones as Society Chapter Chair. Both Bill Whipkey and Fred Jones are solid leaders and bring valuable experience and energy to the Executive Committee.

Section goals, the Student Paper Contest, and end-of-year reports were action items on the meeting agenda. The board is also putting finishing touches on the Section Services Brochure. The board meets the 4th Wednesday of the month and guests are always welcome. The meeting starts at six p.m. and usually adjourns at ten. Let Marilyn Peterson (303) 329-1615 know you are attending to ensure space is available.

Did you see the IEEE article in the Rocky Mountain News during National Engineer's week? The Colorado Engineering Council coordinated responses from professional societies and placed a special supplement in the paper.

Do you know what Industry 2000 is? Industry 2000 is a hands-on workshop to address educational issues associated with technical vitality and develop approaches, initiatives, and partnerships to enhance the value of engineering professionals. The workshop will be held in Denver on May 12th-13th, 1994. Attendance is by invitation only, to obtain a broad cross section of job responsibilities and organizations. Additional information can be obtained by contacting Paul Meisel locally at (303) 673-9930 or Peter Wiesner at (908) 562-5500 (see page 7 for the entry form). If you cannot attend but want to support/donate to this program, please contact one of the individuals above.

Sidetones
Signals from/about the Membership

We regret the passing away of Martin Nesenberg on January 5th. He was a long time supporter of IEEE activities and served as chair of the local Co. Soc. chapter, Social Chair of ICC'65 and Technical Chair for ICC'69. Martin was a highly respected professional. • Thanks for the nice comments about the poem, “Builders” in the Overlook a few issues ago.

Arvin Michel, PSCO, the speaker at the May 12, 1993 Section meeting recited the poem at the end of his presentation. Arvin says the author is anonymous. • Carl Stubenruch reported back that his HP-45 is still working fine. Carl was the person who named the Overlook about 20 years ago and carried off the prize. • The printing and distribution of the Overlook has leveled off at $200. Growth seems to be in the Golden, Longmont and Fort Collins areas. • Did you know the AIEEE Section was started in 1915 and the IRE began in 1949 here in Denver. Then in 1963 the two associations merged into the IEEE. The first ten chairmen for the IEEE Denver Section were Art Spaulding, Fred Venditti, Jim Springer, Bill Uslat, Ken Pratt, Warren Wheeler, George Gless, Howard Smith, Bob Shuffler and Bill Collins. The current membership thank you for the time and effort placed in getting the Section off to a good start. • The selection of items for “Sidetones” is made...
Society Chapter Meetings

Joint Vehicular/Communications Societies
Chapter Meeting
Date: Tuesday, March 15th, 1994
6:00 pm - Dinner
7:00 pm - Meeting/Program
Location: Super 8 Motel, 125 & Speer Blvd.
Speaker: C. Scott Zumbahlen, Area System Manager
SYNOPTICS Communications, Inc.
"LAN Switching Technologies.

Magnetic Society
Chapter Meeting
Date: March 16, 1994
5:30 - 6:30 PM
Location: National Institute of Standards and Technology (NIST) 325 Broadway, Boulder, Colorado
Speaker: Dr. N. Cross & Dr. S. Bulmec
"Thin Film Sensors"
A tour of the NIST facilities will be held immediately after the talk. If you have any questions, please call Dr. Richard Dee at (303) 673-3976 or Ken Framel at (303) 673-3987.

This seminar is sponsored by the Denver Section of IEEE. The seminar will cover all items which you must do to gain re-employment into the employment sector, including determination of your capabilities. Networking will be discussed, as well as no cost benefits available to IEEE members.

If you are presently unemployed, this seminar is important to you. Reservations must be received by March 11th, 1994. Space is limited. Reservations will not be accepted at the door. Lunch and beverages for breaks will be provided. The cost of the seminar is $20.00, payable in advance. Please contact Marilyn Peterson (303) 329-1615, 9am-5pm or send the reservation to:
Marilyn Peterson, C/O Public Service Company of Colorado, 5525 E. 38th Avenue, Denver, Colorado 80227

I shall be attending the Employment Seminar on Saturday, March 19th, 1994. I am enclosing a check for $20.00 made out to the "Denver Section of IEEE."

Name: ____________________________
Address: ___________________________
Phone: ____________________________

RockIEEE Overbook March 1994

The Event Horizon

June
6-8 ION 50th Annual (Inst. of Navigation) Colorado Springs, (703) 683-7101
10 4th Annual IEEE Rocky Mtn EMC Symposium NIST Boulder, Colorado. Information and call for papers - Bob German, (303) 444-2472
15-17 National Meter Reading Conference Denver, Colorado. Joan Redd (303) 571-3236
16-19 NCA Annual Convention, Colorado Springs. Katherine Kirkpatrick, (202) 463-2651
27-1st Precision Electromagnetic Measurements Boulder, Colorado. Call for papers - Gwen E. Bennett (303) 497-3295. Information Fred McGowan (303) 497-3246

September
8 The Association of Colorado Telecommunications Professionals. Information (303) 628-6946
28-29 T&DC Maintenance Conference Colorado Springs, Mark Swan (719) 636-5501

October
2-6 IEEE Industry Applications Society Annual Meeting Denver, Colorado. Chair. Paul Meisel, Magazine Bank (303) 673-9930. FAX (303) 673-9936

Years To Come...
January - 1995
4-7 URSI, National Radio Science Boulder, Colorado. (303) 492-7123

September - 1995

July - 1996

November - 1996
1-4 Sections Congress, Denver, Colorado. Chair. John E. Martin (303) 233-0023

RockIEEE Overbook March 1994

ECONOMIC SEMINAR
MARCH 19th, 1994
8:30 AM to 2:30 PM
SUPER 8 DOWNTOWN
2601 ZUNI
DENVER, COLORADO

Joint Antenna & Propagation/Microwave Theory & Techniques/Geoscience & Remote Sensing
Chapter Meeting
Date: Monday, March 17th, 1994
4:00 PM
Location: National Institute of Standards and Technology (NIST) 325 Broadway, Boulder, Colorado Room 1103
Speaker: Alan Michelson, Professor, University of Colorado "Optics and Phased Arrays"

Laser and Electro Optics Society
Chapter Meeting
Date: Thursday, March 17th, 1994
7:30 pm
Location: National Institute of Standards and Technology (NIST) 325 Broadway, Boulder, Colorado
Speaker: Tom to be announced.
Contact: Bob Feuerstein (303) 492-7077

Nineteen Ninety Four
March
9 RMEI (Rocky Mtn Electric League) Transmission & Substation Subcommitte, Denver CO (303) 733-6277
10-11 RMEI Distribution Committee, Denver Colorado (303) 778-7536
14-17 The Twentieth Annual Meter School, Colorado State University, Fort Collins, (303) 491-7501
16-18 INTEFOCOM, Denver, Colorado. Maclean Hunter Presentation, Inc. 696-6100
28 Transmission Pricing Workshop, (303) 770-8800
29-30 Electric Utility Business Environment Conference (303) 770-8800
31-31 Integrated Resource Planning Conference (303) 770-8800
29-31 3rd International Conference on MCM (Multi-chip modules) Denver Colorado. IEEE (708) 260-1044

April
8-10 IEEE Region 5 Conference, Colorado Springs. John Rathshear (719) 398-0310, Steve Rogers (719) 527-2250, or Charles Wright, (303) 233-5553
24-26 IEEE Rural Electric Power Conference Colorado Springs. Don Werner (602) 636-2585

May
4-5 Rocky Mt. Technology Expo (ERA/IASA) Denver, Colorado. Dave Hubble (303) 279-7796
9-10 UCDC Region VIII Annual Meeting Denver, Colorado. George Stoll (303) 571-2677
12 AACE, Colorado Telecommunications Professionals Information (303) 628-9646
12-13 Industry 200 Workshop, Denver, Colorado. John Meredith, Hewlett Packard (719) 569-1900
Engineers Seeking Employment

Quality engineers available.

The following IEEE members are seeking employment. If you have a position open or know of one please contact Marilyn Peterson at (303) 329-1615. Please give your name, address, phone number and the special identification code to Marilyn. She will have the member contact you directly.

1992 BSEE Graduate. Strong technical and computer background seeks engineering employment. 6 years experience as field/bench technician and 5 years programming low and high level languages. (A2G301)

Innovative Engineer. I am a solution oriented, technically current individual experienced in processing control monitoring, process characterization/monitoring, continuous improvement, PLC, motor controls. Event driven real time programming back-ground-DOS, OS/2, UNIX and others. Manufacturing R&D in machinery controls instrumentation. (A7G62)

MSEE. Experience with PLC instrumentation controllers and power electronics. Developed 6805 controller for small machine. Three years supervision experience with large manufacturer. Prefer design or R&D position. Will relocate (A19W91)

Computer Science Ph.D. 30 years experience (14 years aerospace). Designed, implemented, managed and taught commercial application, scientific system and operating system development from single embedded microprocessor to some of the largest distribution supercomputer systems. (A22B30)

B.A., Mathematics. 20 years experience software development, software management, project and program management. Strategic planning/process innovation. Perform SEI maturity assessments. State Government/Fortune 50 background. (A26B02)


Professional engineer with BSEE and BSBA degrees. Experience: 9 years telecommunications, 7 years test, 5 years marketing, 1 year project engineering and a proactive supervisor. (JY24H01)

Masters level professional. I have 7 years Systems Engineering experience and am seeking an opportunity in product development or test in Biomedical Electronics, Control Systems or Communication Electronics. Willing to relocate (Au03H02)

BSEE. Problem solving and adaptable individual, seeking opportunities in product development for instrumentation or communications. Strong customer support and technical writing background. (SO401)

Software Development Manager. Know 2167A, TQM tools, SEI and ISO 9000. Managed development and system integration/test on variety of hardware, language and DBMS in engineering and scientific application, planning, problem solving. (SO4L02)

December BSEE graduate. Have substation control and protection experience. Seeking entry level engineering employment. Extensive computer experience. Vice-Chairman IEEE student chapter. Passed the EIT exam 4-93. (S28S001)

Communications Application Engineer. Over twenty years in communication applications engineering with extensive project experience in designing, purchasing, and installing Data, Voice, Telemetry, SCADA and Pictorial networks over radio, telephone, cable, fiber and TWTP, microwave and satellite communications with network switching and management facilities. (001W02)

Hardware/software engineer. Over 10 plus years in computer hardware software experience as well as instrumentation. Seeks employment with environmental company. Knowledge of computer PLC based monitoring systems and sensors. (CO1502)

1994 MSCS Graduate. 10 plus years designing software and implementing software solutions. Knowledgeable with artificial intelligence, neural networks, genetic algorithms and data fusion technologies. Seeks R&D opportunity implementing adaptive and learning techniques to analytical challenging problem domains. (FO4P01)

BSEE. Experience includes curtailable load contingency planning, motor interlocks, battery backup systems, power line construction, electrical motor testing, plant engineering. Computer experience includes dBase programming, UNIX, VMS, DOS. (F04D01)

1992 BSEE Graduate. Strong technical and computer background, seeks employment. Over 8 years experience as a field/bench technician and 7 years experience with computers, combined. Willing to relocate. (J16M02)

Positions Available

Research Associate

The AM/FM International Conference XVII is coming to the Colorado Convention Center in Denver, March 14-17.

You've been hearing a lot about digitizing records and maps, about facilities management, about integrating Supervisory Control and Data Acquisition and AM/FM systems. No doubt, you've also heard something about relational vs. object-oriented data bases, about new applications for pen-based computing in the utilities industry. How about GPS and field data collection? What about orthophotography and right-of-way mapping?

AM/FM International brings it all together under one roof, right here in Colorado!

Program Highlights Especially for IEEE Professionals


♦ Birds-Of-A-Feather (Users-Only) Sessions with Bob Cernich, Public Service Company of Colorado; Tom

Continuing Education Units

AM/FM International will award CEUs to each attendee who satisfactorily completes a seminar program. Upon written request to AM/FM International, an official transcript of an attendee's CEU record will be made available as designated by the attendee.
Here's What They Are Saying About AM/FM Conferences:

"The Conference XVII Committee has developed an interesting and diverse agenda. If you are looking for the highest value for your educational dollar, the 1994 AM/FM International Conference is it."

- Andy Gay, Public Service Company of Colorado.

"We began attending AM/FM Conferences several years before making the decision to initiate a project. The information we gathered assured us this was a direction we should proceed. Preparing a project description was made more practical by knowledge gained through the educational emphasis of AM/FM International. Our project has begun and we realize that keeping up with technology and the personal contacts gained through conference attendance are vital to our project."

- Ken Hughes, Delmarva Power & Light Company.

THE EXHIBITION

AM/FM International is proud to sponsor a major products and services exhibition, open Monday, March 14, 1994 through Wednesday, March 16, 1994. Leading AMFMGIS hardware, software, service companies, and consultants will display the industry's state-of-the-art products and services, offer demonstrations, and answer your questions. Come see the AMFMGIS industry's newest technology and services, in a comfortable, professional setting designed to maximize interaction and information exchange.

WHO SHOULD ATTEND?

AMFMGIS Project Teams, Project Managers and Executives in utilities including Electric, Gas, Telephone, Water, Municipal Government Leaders, Public Works Engineers, Transportation Managers, and everyone involved in Automated Mapping, Facilities Management (AMFM), Supervisory Control and Data Acquisition (SCADA) and Geographic Information Systems (GIS).

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ATTENTION!

Information on the benefits of your IEEE membership

- What! You aren't a member...Call 1-800-678-IEEE for membership information. In the RIGHT thing to do.
- The Denver Section will be presenting an employment seminar in March. (See page 2 for details)
- You can save 30% on many books and standards when you are an IEEE member! It only takes 3-4 books and half your membership is paid for!
- The IEEE Financial Advantage offers:
  - A no-load mutual fund for members only which offers free exchange privileges into the Virtus(r) family of mutual funds, special savings for IEEE student members, and savings on taxes by opening an IRA with just a $250 minimum investment. (Call 1-800-GET-IEEE)
  - IEEE Insurance Plans (Call 1-800-483-4333)
  - Annuity Plans (Call 1-800-829-8765)
  - Gold Mastercard and Visa Gold with no annual fee, free additional cards, a low variable interest rate of 12.9%, a 25-day grace period on purchases, personalized credit line checks, and up to $1 million travel accident coverage! (Call 1-800-772-2221)

 IEEE

March 1994

Using the same old coffee mug for so many years that all you have to do is add hot water? Yes! You need a new coffee mug! See page 7 to learn how to get a brand new IEEE coffee mug.
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Consulting Network

Tim Davis

The first meeting of the IEEE Consulting Network was a complete success. Thanks to all those who attended. We are still interested in getting new members. Please call me at (303) 466-1117 if you are interested in joining this dynamic group of engineers who make their living as private practitioners.

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Membership is part of being a professional.

March 1994
RockIEEE Overview

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(303) 329-1567

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Arvada, CO 80005
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(303) 843-2225

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Student Activities
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Golden, CO 80401
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325 Broadway
Boulder, CO 80303
(303) 497-6571

Treasurer
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P.O. Box 5888
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RockIEEE Overlook Team
Editor:
John Tary
7739 Spring Drive
Boulder CO 80303-5036
(303) 499-2164
(303) 673-9936 Fax

Publisher:
Tim Davis
(303) 466-1117
(303) 466-1118 Fax
timdavis@TDCcom.com

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Denver Section
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