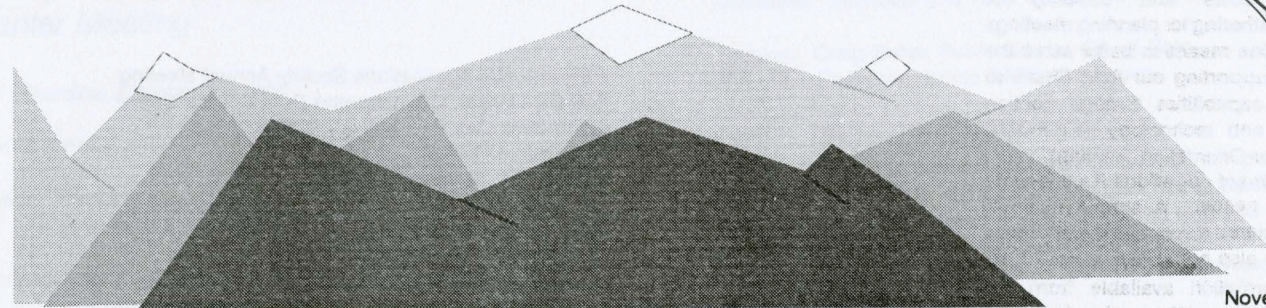


# RockIEEE Overlook



November 1994

## Sitting in THE Chair *Darrell Sabatka, Section Chair*

The changing of the guard is just around the corner... My term as Section Chair is ending and the gavel will be passed into the able hands of Diana Lindstrom. It seems just yesterday that I took the gavel in my hands. I thank all of the IEEE leaders for helping me move the Section forward. I will miss talking with you each month and I regret that I did not accomplish all of my goals. Fortunately, or unfortunately, the Executive Board keeps reminding me that I still have some say in the direction of Section Activities.

Whether I look back or forward, I see us trying to retain our jobs and advance our careers. How to help engineers in this area is not an easy task. Businesses no longer look to engineers to lead their organizations. New technologies and lowest evaluated cost analysis are not the prime considerations in our economy. Today, the ability to determine the customers needs, provide the product or service to satisfy that need, and follow up with changes are the critical concerns of business. It comes down to that four letter word, "sell". Engineers have to go out and sell themselves and their end products. This is not easy for many of us. It is hard for many of us to sell ourselves when we have to bid back our jobs or sell capital budgets that compete with customer based programs.

We must continue to develop ourselves and our subordinates.

Ongoing education is necessary in our careers and the engineering careers of those that follow us. I urge each of you to stretch your career technically and professionally.

Keep an open mind to new opportunities to broaden your network of people. IEEE provides many opportunities to enhance your technical and people skills. IEEE has helped me move on in my career by providing advanced technical knowledge and people interaction at many levels. **Get involved, IEEE can help!** I look forward to my new role on the Executive Committee and would like to see you at our next meeting.

## Sidetones *Signals from/about the Membership*

Sad times for the Denver Section since **Michael Meister** has decided to leave us and begin a business in Boise, Idaho. This is an opportunity which doesn't come often and although we are sad, we are delighted that Mike has this opportunity. At the PACE conference in Phoenix during Labor Day weekend our past Section Chairman and past Regional Director **John Martin** was honored for his work on employment assistance and industry/professional luncheons. It was great seeing our friend receive recognition for his efforts. Congratulations John! How can one express the appreciation of the entire Denver Section for the efforts of **John Tary** for all of his efforts--the last being the Editor of the *RockIEEE Overlook*. As you all know John is a

giver and doesn't take thanks easily but when you see him, tell him what you think of all his efforts for the Section. While we are thanking people, we must to acknowledge Barbara at the Peterson Co. who takes the reservations for the PES/IAS Chapter meetings. She is a volunteer who is not even an IEEE member but is unwavering in her devotion to our Section.

## Candidate's Request

Dear Region 5 Member:

My name is John R. Reinert. I am a candidate for Region 5 Director-elect, along with Michael E. Parten. I hope you read both of our candidate statements in the 1994 election brochure and vote in the IEEE election.

I am serving you on the Region 5 Executive Committee as the Region Section/Chapter and Technology Policy Coordinator. Region 5 has the best recent US membership track record, an excellent student program with one of the highest rates of student involvement and SPACs, and an emphasis on communication by aggressively advocating the use of e-mail as a resource. A strong and interested Region leadership is a key factor in the vitality of Region 5. I am proud to be a part of this activity. However, our profession continues to be threatened by competitive forces and we must continually improve our service to you.

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In my candidate statement, I emphasized that we must focus on the IEEE member as a customer, with the section as the immediate contact/source for the member. Region 5 is large geographically, and that is one of our most significant challenges because of transportation costs and difficulty of economically gathering for planning meetings and training. One means to better serve the section is by supporting our Area Chairs to leverage their capabilities through Section visits, e-mail, and technology (e.g.ROOT, Resource Officer Orientation Training). We can better direct our efforts if we identify local member needs. A simple uniform, section administered survey can identify these needs. We are also not always aware of the wealth of information available from the various IEEE entities. We need a data base our section officers can access to identify and direct IEEE resources to address members' technical, educational, and professional needs. I will work to implement these and other improvements in section support.

I have a proven track record in promoting IEEE activities and the vision and energy to carry our region forward. I ask for your voting support to give me that opportunity. I would like to hear your ideas as well. I can be contacted on e-mail at j.reinert@ieee.org or at 719-598-0310.

With your help and support we can continually improve the value of the IEEE membership. I appreciate your support and look forward to serving as your Region Director-Elect.

John R. Reinert, Candidate  
Region 5 Director-Elect

## IEEE DENVER SECTION SECTION OFFICER ELECTIONS AND MEMBERSHIP MEETING

Wednesday, November 2, 1994

Location: Holiday Inn-Centennial Airport  
7770 S. Peoria Street

Take I-25 to Arapahoe Rd, turn East on Arapahoe for 3 miles to Peoria. Take Peoria South 1.5 miles to Centennial Airport. Holiday Inn is on the East side of Peoria.

Time: 6:30pm Cash Bar  
7:00pm Dinner

7:45pm Election and Program

Speaker: Walter Rowell Jr., Raytheon Engineers & Constructors

Program: "Cogeneration/Non-utility Generation--The Developer, the Banker and the Engineer/Constructor" Beginning with the enactment of PURPA, legislation in the late 1970's, developers have found creative methods for finance, design, construction, and fuel supply to produce competitive electric energy generation. Mr. Rowell discusses some of the strategies used in past project development, and the trends in new projects and energy sources.

Dinner Cost: \$16.00

## The Event Horizon

Oct. 2-6	IEEE Industry Applications Society Annual Meeting (IAS 94) Denver, CO, Sheraton Denver Tech Center Information Call Paul Meisel, (303) 673-9930 FAX (303) 673-9936
Oct. 6-7	NETfair '94 (formerly LANfair) Information Call Mark Cramer, (303) 771-2000
Oct. 12-13	Products Show for Business & Industry Currihan Hall, Denver, CO Information Call 1-800-475-SHOW
Oct. 12-14	The Rocky Mountain Electric Metering Association Northglenn, CO Information Call Pat Arias (303) 651-8458 or John Lindsay (303) 221-6728
Oct.15,Sat	IEEE Missouri Conference - MOCON (Tutorials) St.Louis Engineers Club Information Call Jim Leonard (314) 925-6828
Oct.18-19	Power Quality Symposium - 1994 California State University, Sacramento, CA Information Call John C. Balachandra (916) 278-7347
Oct. 20	UTC Fall Technical Conference Fort Collins, CO Information Call Mike Schmitz, PRPA, (303) 229-5269
Oct.22,Sat	IEEE Missouri Conference - MOCON (Tutorials) St.Louis Engineers Club Information Call Jim Leonard (314) 925-6828
Oct. 25-27	NRECA '94 Regional Meeting (National Rural Electric Cooperative), Denver Information Call May Smallwood, (202) 857-9553

## SLATE OF CANDIDATES FOR 1995 SECTION OFFICERS

Nominated by the Denver Section Nominating Committee. Additional nominations may be made at the business meeting on November 2, prior to the election.

Chair-elect	<b>Robert Struthers</b>
Senior Vice Chair	<b>David Richmond</b>
Vice-Chairman	
Member Services	<b>John R. Adams</b>
Vice-Chairman	
Student Activities	<b>Ronald DeLyser</b>
Secretary	<b>W. Kevin Wright</b>
Treasurer	<b>David Edwards</b>

Reservations: Please contact Marilyn Peterson at 329-1615 by Friday, October 28th.

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## Society Chapter Meetings

### Joint Power Engineering/Industry Applications Society Chapter Meeting

Date: Thursday, October 13, 1994

Time: 6:30pm

Location: Brooklyn's  
2644 W. Colfax Avenue

Attendees: Members and Their Spouses and/or Guests

Speaker: Darrell Sabatka, PE  
Senior Electrical Engineer, Public Service Company of Colorado

Topic: Design and Installation of a 230KV XLPE Cable  
To meet the growing power requirements in the Boulder, Colorado area, Public Service Co. of Colo. installed a new technology underground cable to meet the best future configuration of the new 230KV substation constructed there. Darrell will discuss the installation of "the first of a kind" 230KV XLPE new technology cable for an investor owned utility in the continental United States.

Contact Barbara at Peterson Company for reservations. (303)388-6322

### Engineering in Medicine and Biology Society

Date: Wednesday, 16 November 1994  
7:00pm

Location: University Hospital's Glaser Auditorium  
(Signs inside the main entrance)

Program: The purpose will be to reorganize, elect officers, and discuss plans for the upcoming year. We plan to brainstorm ideas for meetings as well, so let us know what areas interest you.

Parking: You can park on the street (good luck!!) or in the garage at Colorado and 11th. Enter from 11th Avenue. Parking will be \$3.00 with validation.

Questions and reservations: Call Bill Hickey, 494-0384(Tel). FAX(494-9688). Although reservations are not required, they would like to know approximately how many to expect.

### Magnetics Society Chapter Meeting

Date: Friday, November 4, 1994

Time: 4:00-5:00pm

Place: National Institute of Standards and Technology  
325 Broadway  
Boulder, Colorado  
Conference Room 0113

Topic: Mathematical Models of Hysteresis

For detailed information, please contact Dr. Richard Dee (303)673-3976 or Dr. John Oti (303)497-5557.

### Joint Power Engineering/Industry Applications Society Chapter Meeting

Date: Thursday, November 10, 1994 Time: 6:30pm

Location: Brooklyn's  
2644 W. Colfax Avenue

Attendees: Members and Their Spouses and/or Guests

Speaker: **Craig Befus**, Public Service Co. of Colo.  
Chairman: Harris DAP Users Group

Topic: DISTRIBUTION AUTOMATION

Craig will discuss distribution automation projects being conducted at PSCo as well as other utilities in other parts of the USA. Some of the projects at PSCo that will be reviewed will include automated meter reading, switch automation at the Denver International Airport, remote feeder capacitor control, and distribution SCADA.

Reservations: Barbara at Peterson Co. (303) 388-6322.

### Joint Computer/Information Theory Societies Chapter Meeting

Date: Monday, October 24, 1994  
4:00-7:00pm

Location: StorageTek, Longmont

Speaker: John Musa

Topic: Engineering Software System Development, Acquisition and Use with Software Reliability Measurement

This continuing education seminar presents concepts and discusses applications to show how software reliability measurements can guide engineers and managers in achieving a desired level of software quality. Video notes will be provided to supplement the seminar.

There is no charge for attendance, but reservations are required. Refreshments will also be provided. Attendees must sign-in for access badges with the receptionist.

Please call: Bryce Chapman, JC/IT Chairman  
438-6560, or Shah Bhatti, Vice Chairman at  
673-8915 for reservations.

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## Laser & Electro Optics Chapter Meeting

The following is the meeting schedule for the next three months.

October 20, 1994--**Precision Optical Applications of Liquid Crystal**, Tom Baur, President of Meadowlark Optics. The meeting will be at NIST, 325 Broadway, Boulder, Room 1107. There will be munchies at 7:00pm and the talk will begin at 7:30pm.

November 17, 1994--Speaker and topic to be announced. Also at NIST. Call Kevin Keilbach, 673-1349 for more information.

December 15, 1994--Speaker and topic to be announced. Talk will be at NCAR, Table Mesa Labs. Call Kevin Keilbach, 673-1349 for more information.

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## DENVER SECTION--FIRST ANNUAL HOLIDAY FUNCTION

SPONSORED BY THE POWER ENGINEERING/INDUSTRY  
APPLICATIONS SOCIETY CHAPTER

Date: Thursday, December 1 Time: 6:30pm

Location: El Rancho Restaurant  
I-70 at the Evergreen Pkwy Exit

Cost: \$17.50 per person

Attendees: Members of any of the Denver Section Chapters and their spouses and/or guests.

Reservations: On a first come basis--call Barbara at the Peterson Co. (303)388-6322

Planned Activities: The entertainment will include a humorous speaker, music suited for the holidays, presentation of door prizes, etc. The meal will include tossed salad with choice of dressings, carved roast beef with horseradish sauce and au jus, baked chicken tarragon, baked potato bar, vegetables, assorted rolls, dessert, beverage, etc. The room we have reserved has two fireplaces and a western log cabin type atmosphere.

### The Institute of Electrical and Electronics Engineers--Denver Section

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Chair Elect  
Diana Lindstrom  
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Society Chapter--Fred Jones  
Conferences--John Tary  
Awards--Gary Petersen  
Student Fund--Edward Pitchkolan  
Student Branch Activities--Dan Greco

Nominations--Paul Meisel  
Professional/Industry Liaison--Tony Thomas  
Membership--Heather Silseth  
Pre-College Student Activities--Jeff Wilson  
Black Hills Subsection--R.D. McNeil  
Centennial Subsection--Sadrul Ula

The Institute of Electrical & Electronics Engineers, Inc.



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