

THE CHAIR'S CORNER by Diana Lindstrom

Welcome back from the Holidays! It's the beginning of a new year for the Denver Section Executive Board. It is with many thanks that we wish Darrell Sabatka well in this new year. Fortunately for us, he still serves as the Junior Past Chairman and will be able to help us.

I'd like to welcome some new board members - John Adams, Vice Chairman for Member Services; Ron DeLyser, Vice Chairman for Student Activities; and David Edwards, Treasurer. We look forward to their new ideas and new energy.

All members of the Section are welcome to request IEEE aliases for e-mail service. If you already have access to the Internet through business, school, or a private service, all you need to do to get the easy-to-remember alias is send a message to info.directory@ieee.org and request an alias.

The areas which most concern me in 1995 are unemployment, student retention, and getting the most bang for our membership buck. I'll talk about

unemployment this month and focus on the others in upcoming issues.

Unemployment along the Front Range in Colorado continues to plague the Denver Section. It does not appear that in the near future there will be any change to the situation for engineers. The national news agencies are full of the news that the economy is stronger and fewer people are unemployed than just a few years ago. But when I speak to friends who are looking for a job because some major companies are "slimming down", they don't feel more hopeful or secure.

The Denver Section has tried to help our under- and unemployed members by running 30 word resumes in the RockIEEE Overlook, by hosting seminars to teach members how to look for a new and better job, by continuing to have technical and professional meeting where members can network, and by soliciting ideas from our members about what more we can do. I hope all of these efforts have been beneficial. We still need ideas on how to help. Please call me. 422-9374 at home. email me: d.lindstrom@ieee.org.

Next month I'll address the issue of retaining student members after they graduate. I'll also publish any ideas which I receive about ho the Section can assist unemployed members. Happy New Year!

INDEX

The Chair's Corner 1
Sidetones 1
Denver Section Meeting 2
The Event Horizon 2
Society Chapter Meetings 2
Special Information 2,3
Advertisements 3,4
Officers and Committee 4

SIDETONES

Signals from/about the Membership

The Denver Section election produced the following results: Chair-elect Robert Struthers; Senior Vice Chair David Vice-Chairman Richmond: Services John R. Member Adams; Vice-Chairman Student DeLyser; Activities Ronald Secretary W. Kevin Wright; and Edwards. David Treasurer Congratulations to all of these fine people who will represent us and perform the business of the Section.

Busy at work for the Section are

the committees for The conferences. PCIC conference next year will be chaired by John Nelson, NEI, the Engineering Society Power Summer Meeting by Gary Petersen, Public Service Company of Colorado and the 1996 Section Congress by John Martin. We know that all of their committees are very busy planning.

Congratulations to John Reinert of the Pikes Peak Section for his election to Region 5 Director. The PACE committee of the Denver Section has listed its activities for National Engineers Week which will occur February 19-25, 1995. Besides continuing support the Colorado Engineering Council activities, the Section will sponsor an Employment Seminar and is looking for people who can introduce middle school students to what engineers do and what engineering is. Please contact Diana if you have an interest. There will be some other professional activities in the near future. Watch the RockIEEE Overlook for announcements.

IEEE DENVER SECTION AWARDS PRESENTATION AND MEMBERSHIP MEETING

Wednesday, January 18, 1995 Location: Ramada Hotel-Boulder Turnpike, 8773 Yates Drive, Westminster (427-4000)

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

7:30 Awards & Program

future Speaker: Tom Ritzdorf, Edward Peterson Company, 388-6322 by D. Jones & Company

Title: Investment Options

Members of our profession often change employers, or retirement programs may be refunded due to termination of the plan. For these and other reasons we find that investing for retirement and other objectives is important to us. Mr. Ritzdorf will discuss some of the basic considerations for investing. such as setting investment goals, investment vehicles, considerations in rolling over a refunded retirement account.

Dinner Cost: \$15.00

Reservations: Please call Marilyn Peterson at 329-1615 by Friday, January 13 for reservations. Please call whether you wish to attend the dinner or not, so that sufficient space can be arranged.

SOCIETY CHAPTER **MEETINGS**

IAS/PES CHAPTER MEETING Date: Thursday, January 19

Time: 6:00 pm

Cost: \$13.00 for Dinner

Place: Brooklyn's, 2644 W. Colfax Avenue (Beneath the Overpass)

Attendees: Members/Spouses/ Guests

Speaker: Ken Caird, Director of Integrated Automation Resources, Harris-Controls Division, Calgary, Alberta, Canada

Subject: CURRENT AND **FUTURE TRENDS** IN SUBSTATION AUTOMATION Reservations: Call Barbara at the January 17

JOINT POWER ENGINEERING/INDUSTRY APPLICATIONS SOCIETY CHAPTER

Annouces a Six Hour Seminar by Mr. Walt Elmore of Asea Brown Boveri

Topic: Relay--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: To be Determined Cost: To be Announced

Reservations: Call Barbara Linton at The Peterson Company, 303-388-6322

THE EVENT HORIZON

Jan. 18 Section Awards Meeting Jan. 19 IAS/PES Chapter Meeting Feb. 19-25 National Engineers Week Feb. 25 Employment Seminar Apr. 20 IAS/PES Seminar

From the IEEE FRONTLINE This year's PACE Conference focused on "Jobs, Jobs, Jobs". Both, the theme has changed from how bad things are to what we can do about it: the healing process is beginning and we are looking for solutions more than sympathy.

National Job Listing Service-This is a job posting service available on Internet. Companies and recruiters advertise job openings through IEEE-USA. These openings are listed in seven

regional autoresponse files on Internet. Members access and scan the files (free of charge) then contact the companies directly. (Info.ieeeusa.employ@ieee.org)

Job Bank USA- IEEE has an affiliate agreement with one of the premier employment database companies in the country. Job Bank USA is an all-purpose employment resource with a stateof-the-art computerized database of prospective employees in all technical and professional fields, at all skill and management levels, across all industries, and in all regions of the country. This service allows individuals to maintain on file a personalized electronic career record that is matched against detailed criteria from client companies: In addition, individuals enrolled in the program receive access to Job Bank USA's Career Fitness program, the Career Fitness Catalog and quarterly issues of CareerPLUS

FOR software business means having a **OPPORTUNITY**

Raytheon

P.O. Box 5888

(303) 8432422

Denver, CO 80217

Engineers & Constructor

Consultants and companies doing foreign business to save on taxes.

Are you providing, contemplating providing, services on a construction project in a foreign country? If so, you may be eligible to save tax dollars under a special provision in the Internal Revenue Code. This little-known provision specifically allows engineers to exempt from taxation a portion of their income you. derived from foreign countries. The Carlson/Sheppard Export Service, Ltd, 4800 Baseline, Suite E104-324, Boulder, CO 80303, Tel: 303-499-2505 has more details.

SENIOR EXECUTIVES Offer Insights On How Engineers Can Succeed in Management. A book

written by Mitchell Kapor, "I think managers who don't have a firsthand knowledge of the substance of the products that they're making are at an enormous and usually fatal disadvantage. Having firsthand knowledge in the

technical background and fluency with software". The book "Engineers As Executives," was published by the IEEE Press. IEEE member price is \$25.

AN IDEA WORTHY OF NOTE

Section and Chapter leaders-within the last two years, if you had a conference and published proceedings, IEEE has a deal for

Since libraries are subscribers to conference proceedings, yours may be selected to be included in the package which is sent to all subscribing libraries. This means additional funds for section/chapter.

Contact Mary Ann Hoffman with the following information: Conference sponsor(s), name of conference, location and dates, information about the published proceedings, such as number of papers, number of pages, and whether there were any especially notable presenters.

Serving Colorado and The World - Since 1885 -

- Power
- Mining & Metals
- Petroleum & Petrochemicals
- Electronics Aerospace & Defense
- Biotechnology
- Pharmaceuticals
- Hazardous Waste Management
- Food & Consumer Products
- Airports/Infrastructure
- Environmental

NOLAN LABORATORIES, INC. Consultation, Design, Test and Manufacture

· EMI/RFI

- Electromagnetics Antennas
- · RF & Microwave
- · Optics
- · Bioelectromagnetic Sensors

James A. Nolan, MSEE President

P.O. Box 567 Conifer, CO 80433

(303) 838-0057 Phone/Fax

TEXTEK LTD.

"Your Electronic Candy Store" 5571 ARAPAHOE AVE. BOULDER, COLORADO 80303

CHERYLE DILLARD

(303) 443-3614 FAX (303) 443-0831

Fichtner Engineering, inc. 2801 Youngfield Street Suite 121 Golden, CO 80401

Engineering Services:

- Substations & Transmission Lines
- · SCADA/EMS/RTU, Controls & Protection
- Telecommunications
- · Special Studies & Training
- · Power Plant Aux Systems
- Construction Management

GERALD D. BIRNEY Vice President Phone: (303) 238-7548 Fax: (303) 238-7798

Thad Smith

We develop software and firmware for real-time measurement and control applications, targeting embedded microprocessors and PCs.

T3 Systems

- Data Collection and Communications
- Motion Control, Custom Interfaces
- User presentation in DOS & MS Windows

Free estimates

(303) 449-3322

The Institute of Electrical and Electronics Engineers--Denver Section

Chair	Chairman Elect	Sr. Vice Chairman	Vice Chairman	Secretary	Treasurer
			Student Activities		
Diana Lindstrom	Robert Struthers	David Richmond	Ronald DeLyser	W. Kevin Wright	David Edwards
7377 Arbutus Court	Raytheon Engineers	Raytheon Engineers	Denver University	NEI, Inc.	RMH Group
Arvada, CO 80005	& Constructors	& Constructors	Dept. Of Engineering	5151 Ward Road	12600 W. Colfax Ave
(303)431-7895	P.O.Box 5888	P.O. Box 5888	1200 Larimer	Wheatridge, CO	Lakewood, CO 80121
	Denver, CO 80217	Denver, CO 80217	Denver, CO 80210	80002	(303)239-2771
	(303)843-2235	(303)843-2465	(303)556-2872	(303)431-7895	
	THE WAR STORY				

Society Chapters--Fred Jones, EMC Engineers, (303)988-2951 Conferences--John Tary, (303)499-2164 Awards--H. Paul Meisel, MagneTek, Inc. (303)673-9930 Student Fund--Edward Pitchkolan, (303-966-3707 Student Branch Activities Nominations--Darrell Sabatka, Public Service, (303)329-1547 Professional/Industry Liaison Membership--Heather Silseth

Pre-College Student Activities--Jeff Wilson, Peterson Co. (303)388-6322

The Institute of Electrical & Electronics Engineers,Inc.



Denver Section P.O. Box 581 Louisville, CO 80027

RockIEEE Overlook
Official Newsletter of the
IEEE Denver Section

PLEASE DELIVER TO:

12/11/94 DNVR DAVID B RICHMOND 2921 SO SIDNEY COURT DENVER

CO 80231

Non Profit Org
U.S. Postage
PAID
Denver CO

Permit No. 1993