

RockIEEE Overlook



February, 1995

SITTING IN THE CHAIR

by Robert Struthers

You may have noticed the change in by-line above for this month. Diana Lindstrom has accepted an offer for employment in her old home state of New Mexico at Los Alamos labs. She has resigned the Denver Section Chairmanship. We wish her the best at her new location and thank her for her service to the Denver Section.

Notable activities for this month include National Engineers Week, February 19-25. College and pre-college activities for the week have been planned by committees under the direction of *Vice Chairman for Student Activities, Ron DeLyser*. The Colorado Engineering Council Annual Dinner is held on Friday the 24th.

Continuing with a theme that Diana expressed in her last article, retention of student members is an important Section concern. Nationally, retention of student members after graduation is 50%. It is important for members who work with recent graduates to emphasize the services and benefits available to IEEE members.

As a reminder, some of the benefits are listed. Technical benefits include preferred access to standards, journals, technical conference records, technical conferences, meetings, and learning opportunities. IEEE also maintains professional programs addressing matters of legislative and social concern in the areas of salaries, employment, pension, and age discrimination, patents and R&D. Group insurance and financial services are available as personal benefits.

If you have recent graduates working with

you, remind them of the benefits of membership, and invite them to a Chapter or Section meeting. You can also remind them of the graduated dues policy which allows discounts for student members who upgrade their membership during the first year after graduation. Dues and assessments are gradually increased from 35% of member rates to 100% over a five year period.

I believe membership in IEEE is important to the advancement of our profession, as you do. Don't forget to tell the new members of our profession what IEEE can do for them.

Continuing education is another benefit that IEEE can offer to members. Tutorials on tape are available from Institute Societies. The PES/IAS Chapter is offering a live tutorial presented by a distinguished lecturer this spring. The Reliability and EMC Chapters have held symposia or seminars. If you have a suggestion for an educational activity that will benefit the members of the area, please call *Senior Vice Chairman, David Richmond* and share your ideas with him. He may be able to turn your idea into a Section or Chapter activity through the Education Committee which reports to him.

THE RESIGNATION

By Diana Lindstrom

It is with mixed feelings that I have accepted a new position with Johnson Controls, Inc., in Los Alamos, New Mexico. I believe that this is an opportunity for professional growth that I just can't pass up. But I hate to leave Denver and Region 5.

I have enjoyed working in the Denver

Section for the past seven years. The people who get involved and give of themselves and their time are truly the best! I thank everyone who's supported me and worked hard for this Section. They all need your support in order to keep doing a wonderful job.

Please welcome Bob Struthers as your new Section Chairman.

SIDETONES

Signals from/about the Membership

The Editor would like to thank Diana Lindstrom for her efforts which were always positive for the Denver Section. This is a joyful time for her since she has wanted to return to her native state for years. Since she has not had regular employment for some time, this opportunity is wonderful and is what all engineers would like to have--a permanent work home. We wish her the best in her new environment!

There are some important events coming up this next month. Please read the meeting listings carefully and **PARTICIPATE!!**

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SECTION SEMINAR Employment Seminar

When: February 25, Saturday
Time: 8:30AM

Place: Call Marilyn Peterson, 303-329-1615 for location and reservation.

Cost: \$20 in advance. Deadline is February 16.

What: HOW TO BE EFFECTIVE IN OBTAINING EMPLOYMENT

This is a no nonsense seminar which is designed to help the unemployed, the under-employed, and those who know the effects of downsizing and who want to find other opportunities.

The seminar will concentrate on the three basic areas of: 1. The Resume, 2. The Interview, and 3. The Offer and Negotiations.

Speaker: **Lynn Willis** graduated from the University of Colorado with a degree in Personnel/Human Resource Management. She has nine years of experience in HR and has been the HR Manager at Microsemi Corporation Colorado since May 1989.

Lynn will be giving a presentation on what to include and what not to include in resumes as well as in cover letters, how to get started, and how to follow-up with prospective employers.

Additional speaker(s) later.

SOCIETY CHAPTER MEETINGS

MAGNETICS SOCIETY

Title: "National Information Infrastructure"

Date: February 22, 1995

Time: 5:30-6:30pm

Place: Storage Technology Corporation
Building 8, Adirondack Conference Room
2270 South 88th Street
Louisville, CO 80028

Please collect an access badge at the Visitor Center. If you have any questions, please call Dr. Richard Dee at (303)673-3976 or Dr. Jim Cates at (303)673-4126.

JOINT COMPUTER/INFORMATION THEORY

Title: "Internet SLIP Account Demonstration"

Date: Tuesday, February 14, 1995

Time: 7:00-8:30pm

Place: Telephone Express/Internet Express
Training and Demo Building
4500 Cherry Creek Drive South, #950
(Near the Cherry Creek Inn)

Come see the windows interface onto the Internet, using low cost services from Internet Express. Click on the provided Icons for e-mailing 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.

JOINT POWER ENGINEERING/INDUSTRY APPLICATIONS SOCIETY

Title: "PLC'S An Introduction to Programmable Logic Circuits"

Date: Thursday, February 16, 1995

Time: 6:30pm

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

Speaker: Ron Bowser, Modicon District Sales Manager for Automation, Rocky Mountain Region (a Square D Company)

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

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 Optics
Line Protection, Transformer Protection, Motor Protection

Date: April 20, 1995 Time: 8:30am-4:30pm

Place: Public Service Company of Colorado--Lecture Room, 1 st
Floor, 938 Bannock Street, Denver

Cost: \$85 per person

For Preregistration--Call Barbara Linton at The Peterson
Company 303-388-6322

BE SURE TO MAKE RESERVATIONS EARLY

LASERS AND ELECTRO-OPTICS SOCIETY

The Denver Section Chapter has some exciting events planned for the remainder of this year.

Professor Dana Anderson of the University of Colorado will speak on "**Holographic Information Processing**" on February 23, 1995.

On March 16, 1995, Dr. Kenneth Walker of AT&T Bell Labs will speak on "**Optical Fiber Technology**". He will review fiber technology advances as well as new fiber devices such as amplifiers and dispersion compensators.

Professor Connie J. Chang-Hasnain of Stanford University will speak April 20, 1995 on "**Vertical Cavity Surface Emitting Lasers and Temperature Dependent Characteristics of Quantum Well Lasers**".

Professor Duncan Moore of the University of Rochester will make a presentation on May 18, 1995. Professor Moore is Vice-President of the Optical Society of America and has been on sabbatical in Washington, DC as technology advisor to Senator Jay Rockefeller of West Virginia. He will speak on science policy in Washington and will tell of his many experiences with the workings of government.

All talks will start at 7:30pm at NIST, 325 Broadway, Boulder,



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- Operating & Survival-ISM
- Operating & Survival-ITE

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- IATA Dangerous Goods Regulations
- Operating AC
- Transportaion DC

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Call 303-229-4413

Room 1107. Cookies and juice will be served at 7:00pm. Call Kevin Keilbach @ 673-1349 for more details. Mark your calendars.

ELECTROMAGNETIC COMPATIBILITY SOCIETY

The Denver Section Chapter meets the second Tuesday of each month at 7pm at NIST, 325 Broadway, Boulder. All members and guests are welcome. Please check at the front desk for the room location.

ENGINEERING IN MEDICINE AND BIOLOGY

The EMB Chapter held an organizational meeting in late November. Your new Chapter Chairman is Bill Hickey, (303)494-0384 (FAX: 494-9688, e-mail: hickeyb@bvsd.k12.co.us). The first topic of business was to brainstorm ideas for meeting presentations. We had a number of very good ideas, and we are pursuing a couple at this time.

While we do not have a date firmly set for a February meeting, we are negotiating with a speaker from the east coast for a February or March presentation on "Color Doppler Sonography" and its application to biopay procedures.

If you have suggestions for a meeting topic or questions in general, please contact Bill Hickey. We will attempt to contact all members registered in this areas prior to the next meeting, so if you are **NOT** in EMBS or aren't sure and would like to attend the meeting when it is firmed up, contact Bill by voice, fax, or e-mail so he can contact you when things get out.

STUDENT PAPER CONTEST

The Student Paper Contest will be held February 25, 1995 at the University of Colorado, UMC Building at 1:30pm. Everyone is invited to attend this event!

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THE EVENT HORIZON

Feb. 14 EMC Chapter Meeting
Feb. 14 Computer/Information Theory Chapter Meeting
Feb. 16 PES/IAS Chapters Meeting
Feb. 19-25 National Engineers Week
Feb. 22 Magnetics Chapter Meeting
Feb. 23 Laser & Electro-Optics Chapter Meeting
Feb. 24 Colorado Engineering Council Annual Dinner
Feb. 25 Student Paper Contest
Feb. 25 Employment Seminar
Apr. 20 IAS/PES Seminar

POSSIBLE FUTURE REFERRALS

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February, 1995

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