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: 8:30 AM
Place: Call Marilyn Peterson, 303-329-1615 for location and reservations.
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 Microsens 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: 5:30-6:30 PM
Place: Storage Technology Corporation
Building 8, Adirondack Conference Room
2270 South 88th Street
Louisville, CO 80228
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: 7:00-8:30 PM
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
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.

JOINT POWER ENGINEERING/INDUSTRY APPLICATIONS SOCIETY
Title: "PLC's: An Introduction to Programmable Logic Circuits"
Date: Thursday, February 16, 1995
Time: 6:30 PM
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

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-Haas 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 7:30 pm at NIST, 325 Broadway, Boulder.
CAPABILITIES:

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- **VIBRATION**
  Ling Electrodynamic Shaker
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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: hickeyby@verdik12.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 biopsy 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 area prior to the next meeting, so if you are NOT in EMB or aren't sure and would like to attend the meeting when it is firm, 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 PENSAS 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 UAS/PES Seminar

**POSSIBLE FUTURE REFERRALS**
If interested and have overseas Telecommunications Consulting experience, please send your resume to John Tacy, 7739 Spring Drive, Boulder, CO 80303-5036. We do receive requests for these services and will be glad to submit your resume.

Telecommunications Engineer position available (Midwest)
Full-time, career oriented telecommunications engineer experienced in projects involving planning, feasibility studies, design for industrial and municipal clients. At least 5 years experience in some of the following areas—fiber optics, microwave, land mobile radio, CATV, telephone systems. P.E. preferred, with electric utility background. Contact Sally Schenck, 813-378-6908, FAX, 813-378-6910.

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Call 303-229-4413
February, 1995

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Conferences—John Tary, (303) 499-2164
Awards—H. Paul Meisel, MagneTek, Inc. (303) 673-9930
Student Fund—Edward Pitchkolan, NFT, Inc. (303) 966-3707
Student Branch Activities—Cliff Alston, (303) 329-3340 X 290
Black Hills Subsection—R.D. McNeil, (605) 394-2452

CHAPTER OFFICERS
Magnetic—James Cates, (303) 673-4126
Joint Vehicular Tech/Communications—Mark Schriver, (303) 794-0838
Joint Industry Applications/Power Engineering—Phil Goldhammer, (303) 673-5342
Reliability—Richard Follenweiler, (303) 673-4361
Laser & Electro-Optics—Kevin Kelbach, (303) 673-1349

Vice Chairman
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Ronald DeLysker, Denver University
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2390 S. York Street
Denver, CO 80208
(303) 871-2034

Joint Computer/Information Theory—Bryce Chapman, (303) 438-6560
Electromagnetic Compatibility—George Trejo, (303) 350-4113
Engineering in Medicine & Biology—Bill Hickey, (303) 494-0384
Joint Antenna & Propagation/Microwave Theory & Tech.

Centennial Subsection—Sadrul Ula, (303) 766-6268
Pre-College Student Activities—Jeff Wilson, Peterson Co. (303) 888-6322
Educational Activities—

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