

RockIEEE Overlook



May, 1995

SITTING IN THE CHAIR

by Robert Struthers

Greetings from Houston, Texas. Our profession gives us opportunity for travel and new experiences. I am visiting the Houston office to help with a project that was recently moved here from Denver, and I hope to be home by the end of the month.

When this is printed I will have attended the Region 5 meeting in Houston, along with two other officers of the Denver Section, David Richmond and Ron DeLyser. The meeting provides section officers a chance to meet the regional officers and interact with officers from other sections. We attend the region business meeting, receive committee presentations, and breakout for area reports, training and planning sessions. Students may participate in several sessions of a professional activities conference (SPAC), student design contest and student paper contest. The goal is to become more aware of the resources available, participate in the regional administration and bring back a few ideas on how to better serve the membership of the section. The Pikes Peak section hosted the meeting last year in Colorado Springs, and Denver will host the meeting in the Spring of 1997.

Denver will co-host, with the Pike's Peak Section, a prestigious administrative meeting next year. The Section's Congress meets every three years to discuss 'grassroots' activities and programs, and offer guidance to the IEEE future direction. Five hundred delegates and 200 guests are expected to attend, from all regions of the world. John Martin heads the organizing committee for the SC'96 and is presently directing the other committees that are

necessary to put together a successful meeting.

Denver has attracted many technical conferences over the years. Much of the credit for bringing them to Denver, and guiding the conference committees to success belongs to John Tary who served as Section Conference Chairman for many years. Jim Schroeder has agreed to take this on. We thank John for his contributions over the years and Jim for jumping in to his big shoes. Jim got some training from John when he led the committee for the Vehicular Technology conference here a few years ago.

Conferences provide a platform for presentation of technical papers, a regular meeting schedule for technical committees, and an opportunity for educational activities such as tutorials and seminars. Many local volunteers are needed to host a conference, providing arrangements for lodging, registration, and local activities. Bringing a conference to the area brings a bundle of work for a group of volunteers, and some rewards as well. Having the conference locally allows members in the area to attend with lower travel costs and less travel time. When surplus funds are generated by registration or activities, the hosting section may share them with the sponsoring Society. Denver has had several financially successful conferences in the past. Funds from past conference have supplemented rebates from the region and have been used in the student fund to support student activities.

Last fall, Denver hosted the Industry Applications Society Annual Meeting. Paul Meisel led an energetic group of volunteers to a very successful conference. John

Nelson is currently working very hard on the organization of this fall's Petroleum and Chemical Industry Committee Meeting of the IAS to be held September 10-14. Gary Petersen and his able committee are arranging the 1996 Power Engineering Society Summer Meeting for July 27-August 2. We appreciate the efforts of all the stalwart volunteers who help on the conference committees.

SIDETONES

*Signals from/about the
Membership*

From the Executive Board

The Board has taken action to fill the vacancy that resulted when Diana Lindstrom moved from the area and Bob Struthers assumed the position of Section Chair. David Richmond who was formerly Senior Vice Chairman has been appointed Chair Elect and Fed Jones who was the Society Chapters Committee Chair has been appointed Senior Vice Chair. A revision to the Section Bylaws has been submitted to the Executive Committee. In addition to some minor editorial changes, proposed changes make position titles gender neutral, and make changes to administration, particularly the office of Chair Elect and Publications committee.

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Sidetones (continued)

We are also looking for volunteers to serve on the committees and help with programs. Please call Darrell Sabatka (Nominations) if you would like to become involved in these activities. Volunteers are also needed for Region 5 committees.

SOCIETY CHAPTER & SECTION MEETINGS

Many of the Chapters and the Denver Section did not submit their information for meetings in time for the deadline. Telephone numbers have been given for you to call for information. ed

Magnetics Society

"Characterization of Magnetic Thin Films and Surface Layers by Mossbauer Spectroscopy"

Speaker: Don Williamson, Department of Physics, Colorado School of Mines

When: May 24, 1995

Time: 5:30-6:30pm

Place: Storage Technology Corporation, Building 8, Adirondack Conference Room (Conf. Room A), 2270 South 88th Street, Louisville, CO 80028

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

Lasers and Electro-optics Society

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.

Time: 7:30pm

Where: NIST, 325 Broadway, Boulder, Room 1107

Cookies and juice will be served at 7PM. Call Kevin Keilbach@303-673-1349 for details

Engineering in Medicine and Biology

Your help is needed. The Chapter Chair, Bill Hickey, has resigned due to pressing personal circumstances. If you can help with the reorganization of this chapter, please contact Fred Jones, 303-988-2951.

Joint Computer & Information Theory

Contact: Bryce Chapman, 303-438-6560

Black Hill Subsection

Contact: Michael Pendo, 607-394-5278

Denver Section Awards Meeting

May 17 **TOUR OF COORS FIELD** by Tom Gleason, Baseball Stadium District, 6PM, Place: Home Plate Entrance to Coors Field

Dinner will be at Denver Chop House 7PM following the tour, 1735 19th St. Suite 100 Buffet will be served, Approx. \$13

Reservations: Marilyn, 303-329-1615

Centennial Subsection

Contact: Richard Sandige, 307-766-6181

Electromagnetic Compatibility Society

This 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. Contact: George Trejo, 303-350-4113

Joint Vehicular Technology & Communications Society

Contact: Mark Schriver, 303-794-0838

Reliability Society

Contact: Richard Follenweider, 303-673-4361

Joint Industry Applications & Power Engineering Society

Contact: Phil Goldhammer, 303-673-5342

Components, Packaging, & Manufacturing Technology Society

Contact: Michael Erni, 303-678-2437

Joint Antenna & Propagation, Microwave Theory & Techniques, and Geoscience & Remote Sensing Society

Contact: Richard Geyer, 303-497-5852

OTHER MEETINGS

Liquid Crystal on Silicon (LCOS) Workshop

June 26-29th

The Optoelectronic Computing Systems Center at the University of Colorado is offering a four day workshop on the topic of liquid crystals in optoelectronic systems. Material to be covered will be liquid crystal properties, issues on circuit designing for LCOS devices such as spatial light modulators (both electrically and optically address, applications for liquid crystal devices in optical systems, and filling VLSI chips with liquid crystals.

Registration is \$595 for the workshop and \$795 for the workshop and hands-on session. Questions may be directed to Roberto Gonzales, 303-492-8161 or at berto@colorado.edu

Vertical-Cavity Surface-Emitting Laser

(VCSEL) Short Course

Vertical-cavity surface-emitting lasers (VCSELs) are rapidly emerging as a premier laser diode technology. As opposed to conventional edge-emitting laser diodes, VCSELs can be formed into two-dimensional laser diode arrays, thus enabling many new applications for semiconductor lasers. The Optoelectronic Computing Systems Center at the University of Colorado in conjunction with Vixel Corporation, Broomfield, is offering a short course on VCSELs and their applications. Registration is \$350. Contact: Roberto Gonzales, 303-492-8161

CALL FOR PAPERS

The IEEE Electromagnetic Compatibility (EMC) Society Chapter will hold its Fifth Annual Regional EMC Symposium on Friday, May 19, 1995 at the National Institute of Standards and Technology in Boulder, Colorado. The Chapter seeks Informal papers on all aspects of EMC, including:

Printed Circuit Board Design	Lightning
Powerline Disturbances	Grounding
System-level EMC	Cabling
Medical Electronics	Shielding
Electromagnetic Interference	Test Facilities
Radio-frequency Immunity	Instrumentation
Electrostatic Discharge	Standards

Authors should submit a title and a short abstract to Robert F. German, Henry Ott Consultants, 1410 Moss Rock Place, Boulder, CO 80304, Tel/Fax 303-444-2472

Each presentation will be 20 minutes with an additional 10 minutes for questions.

Written manuscripts are not required because a symposium record will not be published. Lunch will be provided for the speakers.

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Send business cards or copy to Paul Meisel, MagneTek, Inc., 1834 Fillmore Court, Louisville, CO 80027-1122. Make checks payable to IEEE Denver Section. We will invoice if requested in advance.

THE EVENT HORIZON

May 17, 1995 Denver Section Awards Meeting and Tour of Coors Field, 6PM, See meeting notice for details.

May 19, 1995 EMC 5th Annual Regional Symposium, NIST, 325 Broadway, Boulder, CO, Contact: Bob German, 303-444-2472

July 26-29, 1995 Liquid Crystal on Silicon Workshop, Contact: Roberto Gonzalez, 303-492-8161

August 7-9, 1995 1995 IEEE/LEOS Summer Topical Meetings, Flat Panel Display Technology, Keystone, CO, Sponsor: Lasers & Electro-Optics Society, 908-562-3894

August 7-9, 1995 1995 IEEE/LEOS Summer Topical Meetings: Technologies for a Global Information Infrastructure, Keystone, CO, Sponsor: Lasers and Electro-Optics Society, 908-562-3894

August 9-11, 1995 1995 IEEE/LEOS Summer Topical Meetings: IC's for New Age Lightwave Communications, Keystone, CO, Sponsor: Lasers & Electro-Optics Society, 908-562-3894

August 24-25, 1995 Vertical-Cavity Surface-Emitting Laser Short Course, Contact: Roberto Gonzalez, 303-492-8161

September 10-14, 1995 IAS Petroleum & Chemical Conference, Marriott Denver Tech Center, Contact: John Nelson, NEI, 303-431-7895

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Society Chapters--

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Black Hills Subsection--Michael Pendo, 605-394-5278
Centennial Subsection--Richard Sandige 307-766-6181

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Laser & Electro-Optics--Kevin Keilbach, 303-673-1349
Components, Packaging, Mfg. Tech--Michael Erni, 303-678-2437

Nominations--Darrell Sabatka, 303-329-1547
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Engineering in Medicine & Biology--
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Geoscience & Remote Sensing--Richard Geyer, 303-497-5852

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