RockIEEE Overlook

Volume 1, Number 9 May 1996

All Chapters/Awards Meeting: Thursday, May 16, 1996

"What's Happening to the Ozone Layer and Who is Lying About It"
James C. Wilson, Department of Engineering, University of Denver

Atmospheric scientists agree that the levels of stratospheric ozone are decreasing. A main cause of the decrease is known to be chlorine released by humans in the form of CFCs. In this talk, the somewhat torturous pathway from your leaking automobile air conditioner to the Antarctic Ozone Hole will be traced. Mechanisms leading to ozone loss will be discussed. A tiny sample of the enormous data base establishing the validity of these mechanisms will be shown.

In spite of near unanimity among atmospheric scientists concerning the reality and causes of ozone loss, many Americans believe that these findings are somehow controversial. Arguments advanced by those opposing the scientific explanation of ozone loss will be examined and names will be named.

Please contact Linda DeLyser at 280-2717 by May 13, 1996 for dinner reservations and additional details.

Thursday, May 16, 1996

Holiday Inn, 10 East 120th, Northglenn, CO
Dinner: (optional) 6:30 - 7:30 p.m.  Dinner Cost: $16.00  Program: 7:30 - 9:00 p.m.

Chairman's Message
by David Richmond

This is the last Overlook issue until September. Your Executive Board will be using the summer months to plan and coordinate the fall schedule and it's already time to plan for the 1997 section activities. So you can see, the Executive Board will be busy over the summer.

The section Awards and All Chapters Meeting is to be held on May 16. This is the opportunity for the Section (you) to recognize those individuals that have contributed their time and talents in providing section and chapter activities for you. This is a good time to socialize with your fellow engineers and catch up on what's been happening. Call in your dinner reservations now.

When this is printed I will have attended the Region 5 meeting in Kansas City, along with two other officers of the Denver Section, Fred Jones 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 meetings, separate meetings for area reports, training and planning sessions. 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 Denver Section will host the meeting in the Spring of 1997.

The Denver and Pikes Peak section will host an important IEEE meeting November 1-4, 1996. The Sections Congress is an international meeting of section leaders from all the world Regions. The leaders will discuss topics of section operations, activities, and the technical and professional aspects of the IEEE. The Congress is a forum where local leaders speak as a collective voice of the IEEE membership. Issues generated at the Section Congress will have a major impact on plans made by IEEE leadership for the future of the Institute. Concerns that you may have regarding activities or policies of the IEEE can be addressed at the Congress. Please advise your Section officers if you have concerns to bring to the Congress.

The delegates who will be attending may also be visiting our state or the USA for the first time. The organizing committee is planning local activities for them and their partners who may be travelling with them. Many may have special needs, such as help with language or custom. If you would like to help in making our visitors welcome, especially if you have language skills, contact your section officers to get plugged into the program.

To all - have an enjoyable summer and we will be back in September.
Meetings

Joint Power Engineering & Information Systems
Thursday, May 30, 1996
Social 5:30-6:30; Dinner 6:30
Program 7:00
Brooklyn’s Sports Bar
264 W. Colfax Ave. (block south of McNichols Arena and Mile High) Dinner Fee: $12.00 (Students free)
Speaker
Dr. P.K. Sen
University of Colorado
"Understanding Transformer Overloading"

Aerospace & Electronic Systems
Thursday, May 22, 1996
6:15 - 7:45 p.m. - Dinner (optional)
Program 7:00
Auraria Campus, 1020A, Ninth St. Park (Park in Visitor Lot G)
Cost: Dinner $10, Parking $3
Speaker
John C. Tuscalias, AES Chapter "Chair of AES Chapters, Goals and Activities"

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Computers & Telecommunications
Wednesday, June 25, 1996
9:00 - 12:00 p.m.
Denver Marriott City Center
900 17th St.
Denver, CO 80202

Special Events (Enter number of tickets available for registrants only)

Technical Tours (Enter number of tickets desired)

Registar Early for events listed below
Tickets available on first come, first serve basis. No refunds provided on events.

EMC
June 11, 1996
7:00 p.m.
NIST, Room 1105
325 Broadway, Boulder, Colorado
Speaker
Steven Black
OSA Eastman
"Using Optical Tools to Study Biological Meters"

Lasers and Electro-Optics
May 23, 1996
7:00 p.m. Refreshments, 7:30 p.m. program
NIST, Room 1105
325 Broadway, Boulder, Colorado
Speaker
Michael Blatt
"3.5 GHz CW Lasers"

Program Event (Low Cost)
Telephone: 303-485-1848
Colorado State University
Boulder, Colorado 80309

EMC
June 11, 1996
7:00 p.m.
NIST, Room 1105
325 Broadway, Boulder, Colorado
Speaker
To be determined

Call Patrick Richardson, (303) 682-6627 or George Trejo (303) 350-4113; Fax (303) 350-3382 for more information.

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1996 Summer Meeting Preview

Come see why "Energy Issues Are A Mile High" when you participate in the IEEE Power Engineering Society's technical and administrative activities in Denver from July 28 through August 1.

The 1996 IEEE Power Engineering Society Summer Meeting will be held July 28 through August 1, 1996, in Denver, Colorado. Every aspect of the electric power industry is being challenged to find new efficiencies, enhanced customer options, improved reliability and safer operations. The 1996 Summer Power Meeting will bring engineers from around the world to participate in a technical forum dedicated to these high-profile energy issues. The technical program will include panel discussions, technical paper presentations, poster sessions, tutorials, inspection trips, and Power Engineering Society technical committees. Technical topics in the areas of power systems engineering, electric machines, power generation, transmission, distribution, automation, communications and power engineering education will be presented.

The 1996 Summer Meeting will begin on Sunday, July 28. Welcoming and registration activities will be headquartered at the Adam's Mark Hotel in downtown Denver. A welcoming reception for registered conference attendees will be held at the Adam's Mark Grand Ballroom from 4 to 6 p.m. Sunday evening. This reception affords an excellent opportunity to renew acquaintances and meet new participants as a guest of the Power Engineering Society. The Plenary Session on Monday morning will kick the technical program off as a precursor to more than 200 technical sessions, tutorials and panel discussions. A general membership meeting and PES Awards Luncheon are also scheduled. Special programs for engineering students and companions of registered attendees are planned.

The Denver Marriott City Center, communications and the new Denver Public Library. Minutes from downtown, you'll find the Cherry Creek Shopping Center with Nieman Marcus, Saks, Lord & Taylor, and hundreds of other shops to satisfy your shopping needs. The Denver Zoo, Denver Botanic Gardens, and the beautiful Victorian Molly Brown House (home of the Unsinkable Molly Brown) are not far from downtown. The majestic beauty of the Rocky Mountains awaits a few miles west of Denver, including Rocky Mountain National Park and the Pikes Peak region.

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Students Win Top Honors
by Fred Jones, IEEE Chair-elect

Two students from the Denver Section took top honors in the West Area Student Paper Contest on March 16th. Stephen LaConce of Denver University placed first with his paper entitled "PH Control of Microalgae Using Simulated Power Plant Flue Gas" and Emari Randu of Colorado State University and Robert Runser of the University of Kansas placed second with their paper entitled "Microwave Nondestructive Surface Crack Detection and Tip Location in Metals".

Stephen and Robert will present their papers at the Student Paper Contest during the Region 5 Conference in Kansas City on April 13th. Tim Horn, another Texas Tech University student, who took second place, will also present his paper.

Congratulations to all the participants and good luck in Kansas City!

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Sections Congress '96 in Denver
by John Martin, Chairman, Local Organizing Committee

Sections Congress '96 (SC'96) will be held Friday evening, November 1 to Monday noon, November 4, 1996 at the Denver Marriott City Center Hotel. The Denver and Pikes Peak Sections are co-hosting SC'96 along with Region 5. Also, members from these Sections comprise the Local Organizing Committee.

SC'96 is the fifth in a series of highly-regarded meetings which are held every three years. Previous Congresses have been held at Boston, MA; Anaheim, CA; Toronto, Canada; and San Juan, Puerto Rico. SC'96, which will be three days of work sessions and networking, has a triple focus. First, the hundreds of delegates, primarily Section Chairs from all ten Regions, will learn how to utilize the resources of the IEEE to maximize their effectiveness as IEEE volunteer leaders. Workshop and tutorial sessions will be held on Action Operations, Section Activities, and the Technical and Professional Aspects of the IEEE. Second, the Congress is the one major meeting sponsored by the IEEE which brings together the Institute's grass-roots leadership so that they can share ideas, concerns, and solutions. Third, the Congress will be a forum where the Section Chairs and other local leaders speak as the collective voice of IEEE membership, expressing ideas and raising issues about how the institute can better serve its members, both now and in the future.

Your help in sponsoring SC'96 is very much needed. The sponsoring Sections agreed to raise $50,000 locally to help offset SC'96 expenses. Although a vigorous financial campaign is in progress, your help is needed to meet this goal. If you are willing to seek a contribution from your company or organization, please do so. Solicitation materials and help can be obtained from John Martin at (303) 232-0023. Also, as SC'96 draws nearer, many students from the local universities will be asked to serve as Speaker assistants, and local members will be asked to serve as Speakers and Workshop Leaders. If you are asked, please accept and help make SC'96 a showcase for the members of the Denver and Pikes Peak Sections and Region 5.

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The Outstanding Society Chapter and Outstanding Student Branch Awards are presented annually to the Society Chapter and Student Branch which have demonstrated exceptional outreach to their members, including number and quality of technical meetings and tutorials, membership increase, student paper contest participation and quality and timeliness of meeting reports. Each of these annual winners receives a check in the amount of $100 plus an engraved plaque.

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IEEE Denver Reliability Society

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The Institute of Electrical and Electronics Engineers - Denver Section

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