



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

RockIEEE Overlook

DENVER SECTION

MARCH 1989

COMBINED DENVER SECTION AND SOCIETY CHAPTERS MEETING

Wednesday, April 12, 1989

(Dinner Optional at a cost of \$16.00)

Radisson Hotel, 1550 Court Place, Denver

Free Parking (with validation) under hotel off 15th St.

Social Hour 5:30 - 6:30 pm

Dinner 6:30 - 7:30 pm

Section Program 7:30 - 8:00 pm

Chapters Program 8:00 - 9:00 pm

The Section program will be non-technical, of general interest to all.
Chapters will hold technical meetings following the Section program.

Joint PES/IAS - Power Engineering/Industry Applications

Date: Wednesday, March 23, 1989
(Note: Wednesday night meeting)
Place: Brooklyn's, 2644 W. Colfax Ave.
Time: 6:00 pm Social
7:00 pm Dinner (optional @ \$10.00)
8:00 pm Meeting
Speaker: Thomas J. Yohn, Public Service Co.
John P. Nelson, NEI Electric Power Engineering Co.
Topic: "Utility Interconnections with Independent Power Producers"
With the passing of the Public Utilities Regulatory Policy Act of 1978 (PURPA), many independent power producers have built power plants which are interconnected with the electric utilities. The presentation by Messrs. Yohn and Nelson will discuss the phases from conception through startup of a typical IPP project with emphasis on the IPP-Utility interface. Several typical problem areas will be discussed with examples of past, present, and future problems.
Contact: Barbara, Peterson Company, 388-6322, by Monday, March 20, 1989.

CS/ITS - Computer/Information Societies

Date: Thursday, March 16, 1989
Place: University of Wyoming, Laramie, WY
Engineering Building, Room 1062
Driving time North from Denver is approx. 2 hours, 10 minutes.
N. on I-25 to I-80, W on I-80 to Laramie, Exit at 3rd St. North (287)
N. on 3rd St., pass Grand Ave. to Iverson. Rt. on Iverson, L. on 13th Rt. where the road forks, L. at dead end. Engineering bldg. is 2nd on rt.
** OR **
N. on I-25 to Colo. 14 (Ft. Collins)
W. on Colo. 14 to 287, 287 N. to Laramie. Follow remaining directions above.
Time: 6:00 - 8:00 pm
Speaker: Dr. Kenric Pell, Director of the Center for Information Technology, University of Wyoming.
Topic: Dr. Pell will describe the history, current research, and aspirations of CIT. The technical staff will then provide tours of the laboratories with demonstrations related to the current research focusing on CAD/CAM activities.
Note: Optional Mexican food buffet, \$5.00
Contact: Please RSVP (303) 538-8157 or (307) 766-6141.

Joint Boulder-Denver AP/MTT/GRS
Antennas and Propagation, Microwave Theory
and Techniques, Geoscience and Remote Sensing

Date: Thursday, March 16, 1989
Place: National Bureau of Standards,
325 Broadway, Boulder, Room 1103
Time: 4:00 - 5:00 pm
Speaker: Gerhard Koepf, Ball Communications
Systems Division, Broomfield, CO
Topic: "Optical Phased Array Beamforming
Contact: Reservations not required. For more
information contact Bob Seeley,
986-6790.

Computer Society Video Conference

March 1, 1989, 9:45 am - 1:00 pm

"Chip to System Testability Access:
Economics, Architecture, Applications"

Location: AT&T, I-25 & 120th

For more information call Sandy, 538-8157

Chairman's Message

by Keith Henderson

At the April Section/Chapters meeting,
special recognition is planned for all past
and present Chapter officers. Any bets on
which chapter will have the most members and
officers there? The Gordon Lee/Paul Meisel
"Contest" prize might not top the Lotto, but
it should be fun. Your Chapter officers have
always been top notch. Plan to attend, and
be surprised.

The "Career Conflicts" workshop on March
8th provides another view, and is useful for
all. Why not take a friend or your spouse
(hopfully also a friend), and show them that
all IEEE functions are not the height of
boredom.

Jim Gale did it? Look for great things
from the new OVERLOOK Editor.

We had the opportunity of attending
Sandy Bish's and Bob Seeley's January
meetings. I'm continually amazed at the
quality of Chapter meetings. The Chapter's
meeting room corporate sponsors, AT&T and
the Bureau, in their case, also should be
commended.

A special thanks to Bruce Sparks for his
contribution to the OVERLOOK this month.

Remember! A meeting a month is all we
ask. Take a buddy along. It's alot more fun.

NATIONAL INSTITUTE OF
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NIST is seeking a qualified individual to lead a group
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Qualified Applicants: For the position description and applica-
tion forms contact Vern Pape at (303) 497-3622.

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Dean of Engineering
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DATE: Saturday, March 11, 1989
PLACE: Stouffer Concourse Hotel
3801 Quebec Street
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TIME: 6:00 p.m.
COST: \$25.00 per person

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Schedule of Conferences and Meetings

April 30-May 2, 1989	Colorado Spgs	Rural Electric Power Conf.	Leo Barrios (303) 452-6111
May 15-18, 1989	Denver	Cement Industry Conference	Randy Wiley (303) 534-4206
May 16-17, 1989	Colorado Spgs	Regional UTC	George Stoll (303) 571-2677
May 23-25, 1989	Denver	EMC Conference (EMC '89)	John Adams (303) 497-3328
May 31-June 2, 1989	Denver	43rd Annual Frequency Control Symposium	David Allan (303) 497-5637
June 17-21, 1990	Colorado Spgs	Utilities Communications Council (UTC) National	George Stoll (303) 571-2677
March-April, 1991	Fort Collins	Region 5 Conference	Gordon Lee (303) 491-5767
April 28-May 2, 1991	Boulder	PES Substation Com. Mtg.	George Flaig (303) 452-6111
June 23-27, 1991	Denver	International Communi- cations Conf.	Russ Johnson (303) 796-9100
Spring, 1992	Denver	Vehicular Technology Conf. (VTC '92)	Don Cottrell (303) 871-3752

Proposed: IAS 1994 ... MILCOM 1990 ... ITC 1997-2000 ...
MTT 1994 ... ACM/IEEE Design Automation 1994 ...

Colorado Science Olympiad

"U.S. Kids worst in Math Test - Poor performance in six-nation exam of 'grave concern'." This headline was on the front page of the Denver Post, Colorado Living section, February 1, 1989.

Aren't you troubled by the overwhelming evidence of America's future adults declining knowledge of math & science? What can you do as a responsible citizen to reverse that trend?

There are a great many people working hard to change that trend. How about you? A non-profit organization you may have read about is the "Colorado Science Olympiad" (CSO). The IEEE Denver Section and a group of math and science educators formed the CSO with the goal of improving the quality of math and science education by increasing student interest and provide recognition for outstanding achievement in science education by both students and teachers. We are proud to announce the fourth annual State Olympiad competition to be held on Saturday, April 8th with over 80 schools registered.

Colorado has been asked to host a National Science Olympiad, on May 19th and 20th, with students from 46 states participating. Both events will be held at the University of Colorado, Boulder campus.

Last year, it cost us over \$6,000 to support 400 students at the State event. Monies go for; 1) Promotion, 2) Training teachers, captains, judges and volunteers, 3) Tournament facilities and materials, 4) Awards.

Please consider donating funds to help finance this worthwhile program. No sum is considered to small. Send your tax deductible contribution to:

Colorado Science Olympiad
P.O. Box 12338
Boulder CO 80301

Sincerely,
Bruce Sparks
IEEE & Science Olympiad
Member

Denver Section PACE Meeting

Date: Wednesday, March 8, 1989
Place: Regency Hotel
3900 Elati St.
Exit 213 West of I-25
(38th Ave./23rd St.)
Time: 6:00 pm Dinner
7:00 pm Program
Ending no later than 9:00 pm
Topic: First in the IEEE Career Management Series "Career Conflicts: Life Balance".

This is a 2-hour video-supported workshop which will:

- Raise your level of interest in and understanding of career planning and management processes,
- Aid you in becoming empowered, to take charge, and manage your career,
- Introduce to the need for LIFE BALANCE and provide you with some tools to manage CAREER CONFLICTS,
- Provide you with an introduction to career planning and management process such as self-assessment,
- Provide you with some material to use to continue the process started in this workshop.

Dinner: Reservations no later than noon Mon. March 6, 1989.
Dinner optional, come at 7:00 for program only.

Contact: Bill Whipkey - Denver Section PACE Chairman, Work (303) 830-4713; Home (303) 427-2411.

PES/IAS Tentative Meeting Schedule

- March 16, 1989 - Co-Generation Panel Discussion
April 12, 1989 - Motor Starting, Jackson Fuller (Joint with Denver Section)
May 18, 1989 - Micro-Processor Based Distance Relaying

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THE MONTH AT A GLANCE

March 1
CS/ITS Video Conference

March 8
Denver Section PACE Meeting

March 16
CS/ITS Meeting
AP/MTT/GRS Meeting

March 23
PES/IAS Meeting

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Official Publication of the
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