



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

RockIEEE Overlook

DENVER SECTION

MAY 1988

ANNUAL AWARDS BANQUET

Wednesday, May 11, 1988

This year the Section Annual Awards Banquet and election of officers for 1989 will be held at Brooklyn's. Your spouse or guest is also invited to attend what will be an enjoyable social evening. A special invitation is also extended to Section Past Chairman and Fellows of the Denver Section. Please join us for this last meeting before the summer break.

Dinner will be followed by the Awards Program which will honor deserving members of our Section and recognize outstanding society chapters for their performance. Election of Section Officers will also be held. Following the Awards ceremony, there will be a light program.

Brooklyn's is located at 2644 W. Colfax Ave., near McNichols Arena. (There may be an alternate location in the event the Nuggets are in the playoffs!)

Social Hour - 6:00 pm

Dinner - 7:00 pm, cost \$13.00

Reservations Required: Please call Anita Wanberg, (303) 220-8042 by Monday, May 9, 1988.
You need not have dinner in order to attend the Awards Program.

Joint PES/IAS - Power Engineering Society/ Industry Applications Society

Date: Thursday, May 19, 1988
Place: Brooklyn's, 2644 W. Colfax Ave.
Time: 6:00 pm Social
7:00 pm Dinner (optional @ \$10.00)
8:00 pm Meeting
Speaker: Les Shankland, P.E.
Senior Electrical Engineer, Electric
T&D Div., City of Colorado Springs
Topic: Selection, Testing and Application of
a 35kV Padmounted SF6 Insulated
Switch at Colorado Springs Department
of Utilities.
Contact: Barbara, Peterson Company, 388-6322
by Monday, May 16.

Note: Election of new officers for the 1988-89
meeting year will take place prior to
the program.

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

Date: Thursday, May 12, 1988
Place: National Bureau of Standards
325 Broadway, Boulder, Room 1103
Time: 4:00 - 5:00 pm
Speaker: Helmut E. Schrank, Westinghouse
Electric Co., Baltimore, Maryland
Topic: "Low Sidelobe Reflector Antennas"
Although the first ultralow side-
lobe antennas were phased arrays, a
number of recent reflector designs
have achieved noteworthy success in
sidelobe suppression. This talk is
a sequel to "Low Sidelobe Phased
Array Antennas" (AP-S Newsletter,
April '83), and surveys the develop-
ment of low sidelobe reflector
antennas.
Contact: Hussain Haddad, 460-2114

EMC - Electromagnetic Compatibility

Date: Tuesday, May 3, 1988
Place: Westland Center meeting room,
10405 W. Colfax Ave.
Time: 7:00 pm
Topic: Andy Anderson, Rich Fellion, and
Roger Peel, of Martin Marietta will
be presenting papers which will be
presented at the IEEE/EMC Symposium
in Seattle in August.
Contact: Andy Anderson, 971-6422 or Bill
Bryant, 977-6578.

CS/ITS - Computer Society/Information Theory Society

Date: Thursday, May 19, 1988
Place: 5680 Greenwood Plaza Blvd., Basement
conferencing facility. I-25 S. to
Orchard, W. to 1st Light, Rt. 1-2
blocks on left.
Time: 6:00 pm
Topic: Three companies will be presenting
their latest innovation in network
bridges.
Contact: RSVP requested, Call Sandy Bish,
538-8157.

Chairman's Message by Mike Foley

This will be the last Overlook issue
until September. Most chapters will be
electing new officers for the 1988-89 term and
will start-up meetings again in 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 1989 section activities. So you see --
the Executive Board will be busy over the
summer.

If you didn't get to some chapter or
section meetings in the 1987-88 year, you
missed many opportunities to sharpen or
broaden your technical understanding of the
various technologies you work with every day.
Participation in the chapter and section
activities is up to YOU! No one will take you
by the hand and lead you to attend a meeting!
Make the commitment to find out when the
chapter or section meeting is and make a
schedule to attend. You'll be amazed at how
painless it is!

The section Awards Banquet is to be held
on May 11th. (Details are on the front page).
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. The outstanding chapter of the year

Reliability

Date: Friday, May 13, 1988
Place: Ford Aerospace, 10550 State Hwy 83
Colorado Springs, (Briargate Exit,
E. on 83)
Time: 8:30 - 9:00 am Registration
9:00 am - 4:00 pm Symposium
Topic: Software Reliability Symposium
Speaker: A group of speakers from Ford Aero-
space, Storage Technology, and
Advanced Technology will speak and
Rome Air Development Center (RADC)
will present a paper on a Software
Reliability Handbook they have
developed.
Contact: Reservations required, please call
Juan Hernandez, (719) 594-1323, or
Ralph Meoni, (719) 594-1667 by May 6.

Please cancel your reservations if you
are unable to attend a meeting. No-shows will
be responsible for the cost (if any) of dinner.

(1987) will also be honored for the "best"
programs and meetings. This is also a time to
socialize with your fellow engineers and catch
up on what's been happening. Call in your
dinner reservations now!

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

Colorado State Science Fair Gordon Lee

The 33rd Annual Colorado State Science
Fair was held on April 7-9 at Colorado State
University. Close to 200 Junior and Senior
high school students participated in the event
with displays ranging from botany and zoology
to engineering and computer science.

The IEEE Denver Section awarded \$100 U.S.
Savings Bonds to the outstanding Jr. High and
Sr. High exhibitors in the field of Electrical
Engineering.

This year's winners are Mr. Aaron Judy
from Eaton High School for "The Programmable
Synthesizer" and Ms. Melinda Smith from Brush
High School for "Investigations of Electromag-
netic Railguns".

Acknowledging the importance of High
School math and science teachers and
motivating excellence in education, IEEE
awarded plaques to the outstanding Jr. High
School teacher, Ms. Gail Loughery (Rifle

Middle School) and outstanding Sr. High School
teacher Ms. Connie Waldron (Yuma High School).
The awards were based upon a survey of High
School students in math and science.

Student Activities Charlie Wright

The Denver Section and Area A are still
maintaining their place of honor. James
Hunkins from the South Dakota School of Mines
and Technology, who won First Place in our
Area A paper contest, also took first place in
the Region 5 paper contest with his paper
titled "Dual Input Printer Buffer Project".
The Region 5 Paper Contest took place March
21, 1988 in Colorado Springs.

Hunkins was also the recipient of the
Larry K. Wilson Award presented by the
Regional Activities Board for Region 5, for
the outstanding IEEE Student Member.

Dr. Gordon K. Lee of Colorado State
University, and the Denver Section's Vice
Chairman of Student Activities, represented
IEEE Denver Section at the State Science Fair.
The Denver Section awarded a \$100 U.S. Savings
Bond to the outstanding Jr. and Sr. High
School exhibitors in the field of electronics.

The University of Wyoming received the
Region 5 award for the outstanding IEEE
Student Branch.

MERLE J. TUCKER
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Bill Roemish Honored

At a special banquet in Washington, D.C.
on February 17, the National Society of
Professional Engineers (NSPE) recognized Dr.
William Roemish as one of the 12 finalists
for NSPE's annual "Federal Engineer of the
Year" award. He was also one of 33 Federal
engineers honored by the NSPE for outstanding
engineering contributions to the Nation.

The Denver Section and all of Bill's
friends extend a hearty "Congratulations for
a job well done!!" to Bill for his accom-
plishments and for receipt of this well
deserved honor.

1988 International Tesla Symposium

The 1988 International Tesla Symposium
will be held July 29, 30, and 31, 1988 in
Colorado Springs, Colorado by the
International Tesla Society and the Denver
Section IEEE. There will be a score of
papers examining the many areas of research
in which Nikola Tesla was a pioneer.
Additional features will include Tesla Coil
Displays and exhibit areas.

For more information, contact: Interna-
tional Tesla Society, Inc.; 330A W. Uintah,
Suite 215; Colorado Springs, CO 80905-1095.
Phone: (719) 570-0876.

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THE MONTH AT A GLANCE

April 27

Section Executive Board Meeting

May 3

EMC Meeting

May 4

Section Executive Committee Meeting

May 11

Section Annual Awards Banquet

May 12

APS/MTTS/GRS Meeting

May 13

Reliability Meeting

May 19

PES/IAS Meeting

CS/ITS Meeting

May 25

Section Executive Board Meeting

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