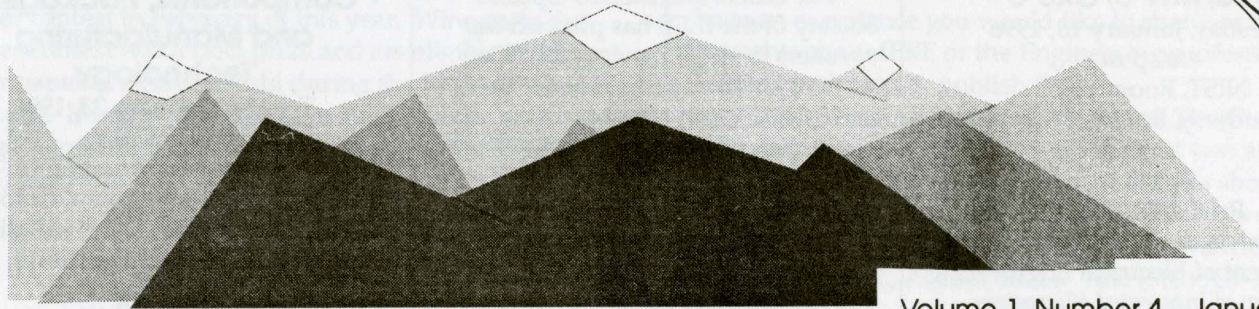


RockIEEE Overlook



Volume 1, Number 4 January 1996

Sitting in the Chair

by Bob Struthers/David Richmond

January and the new year brings changes in both personal and organizational structure. This is true for IEEE each year. It was my honor to serve as the Denver Section Chair in 1995. David Richmond has assumed the office as of January 1, 1996. David has been an active member serving in the Section for many years, as Editor of the Overlook and various offices on the Executive Committee and Board. It has been my observation that his interest is to bring the members the most value with the resources available to the Section. My thanks to all the volunteers who have helped the Section prosper this past year.

Bob Struthers

Happy New Year!

All of the 3500 plus Denver Section members join me in appreciation and thanks to Bob Struthers for his successful year as 1995 Chair. Bob has worked hard to keep the Denver Section strong by emphasizing professional growth through our society chapters. At an upcoming Section Meeting, we will recognize Bob and his Executive Board for all their fine work over the past year. Please join us to toast their outstanding service to our profession.

During 1996, the Denver Section will celebrate its 81st anniversary. The Section membership now exceeds 3500 members, including 500 student members at eight universi-

ties. We have 11 active Chapters representing 15 technical societies. The financial health of the Section is excellent, with an operating budget of approximately \$35,000.

I encourage all members of the Section to take an active interest in the activities and operation of the Section. If you desire professional growth, enjoy challenging discussions and assignments and would like the opportunity to meet and associate with some great people -- call your chapter chair (listed on the back cover), or call me, regarding Section activities and programs. I hope to see you at an IEEE meeting this year.

David Richmond

Dr. Samuel Keene - 1995 Reliability Engineer of the Year



Dr. Samuel Keene is the Senior Past President of the IEEE Reliability Society. Last year he was elected to the distinguished office of Fellow of the IEEE. Only one in a thousand members are so recognized annually. In January 1996 he will be named, "1995 Reliability Engineer of the Year" at the annual Reliability and Maintainability Symposium, in Las Vegas, in January. He was the founding Chapter Chairman of the Denver Chapter of the IEEE Reliability Society and currently serves again as Chairman of the Denver Chapter.

Dr. Keene is an international author, lecturer, and business consultant in reliability and quality processes. Most of his career has been in various levels of management; he was recognized as the outstanding manager of the year at IBM. He has worked for NASA, industry and academic institutions. He also spent one year full-time as an adjunct professor at Prairie View A&M working with minority students. He taught courses in the department of Electrical Engineering and was also an advisor on Senior projects.

Dr. Keene received his Ph.D. from the University of Colorado, School of Business in 1986, specializing in Operations Research, the modeling

and optimization of processes. He has published over 100 papers and book chapters dealing with technical and managerial topics.

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Meetings

AP-S/MTT-S/GRS-S

Thursday, January 18, 1996
4:00 p.m.
NIST, Room 1105
325 Broadway, Boulder, Colorado

Speaker

Prof. K.C. Gupta
University of Colorado
Department of Electrical Engineering
"Design of Integrated Microstrip
Circuits - Antenna Modules"

February Meeting

Thursday, February 15, 1996
4:00 p.m.
4:00 p.m., NIST, Room 1105

Speaker

Prof. Frank Barnes
"Cellular Phones: Health Hazard?"

Joint Power Engineering & Industry Application

Thursday, January 18, 1996
Social 5:30-6:30 Dinner 6:30
Brooklyn's Sports Bar
2644 W. Colfax Ave. (1 block south of
McNichols Arena and Mile High)
Dinner Fee: \$12.00 (Students free)

Speaker

Mr. Walt Bayer, Regional Manager
Process Systems, Inc.
"Industrial and Utility Multi-Access to
Energy Billing Meters"

Please RSVP by November 13 to
Barbara at Peterson Company (303)
388-6322 for dinner reservations by
January 16.

Lasers and Electro-Optics

January 18, 1996
7:00 p.m. Refreshments,
7:30 p.m. program
NIST, Room 1107
325 Broadway, Boulder, Colorado

Speaker

Kristina Johnson
"Liquid Crystal on Silicon
Microdisplays and Applications"

Call Kevin Keilbach at 673-1349
before meetings to confirm times and
location.

The Lasers and Electro-Optics
Society of the IEEE has planned our
speakers through may of 1996. Our
meetings will all be held at the time
and location listed above.

On February 22, 1996, Niloy Dutta
(IEEE/LEOS Distinguished Lecturer)
will speak on "Optical Interconnection
Technology for Large Computing and
Switching Systems"; March 21, 1996,
Paul Hale will speak on "High Speed
Detectors"; April 18, 1996, Chris
Monroe will speak on "Quantum
Computation with Laser-Cooled Atoms"
and on May 23 1996, Steven Block
(OSA Eastman Speaker) will speak
on "Using Optical Tweezers to study
Biological Motors". Please call Kevin
Keilbach at 673-1349 to confirm all
meetings.

Joint Dinner Meeting Reliability and EMB

Chapter members and guests
(One guest per member)

Thursday, January 18, 1996
6:30 p.m., Dinner at 7:00 p.m.
Holiday Inn
800 28th St., Boulder, Colorado

Speaker

Susan Sutton Jones
Manager of Reliability
Teletronics
"Reliability for Medical Devices"

Cost: EMB and Reliability Members
and guests - \$10.00 for the first 60
people to sign up.
Space is limited!

Others IEEE members
are welcome to attend at
a cost of \$16.00 per per-
son.

All those who wish to
attend must call for
reservations prior to
Friday, January 12, 1996.

EMB Members please
call Norbert Kaula at
270-8973.

Reliability Members
please call John Adams
at 530-6503.

Components, Packaging and Manufacturing Technology

Tuesday, January 23, 1996
6:00 - 7:30 p.m.

Maxtor Corporation
2040 Miller Dr., Longmont, Colorado
(Go to West Lobby, signs will direct
you to the meeting room)

Speaker

Mr. Nik Nikmanesh, AT&T
"Design Issues in Fall Grid Arrays"

Please RSVP to Mike Erni for
directions at (303) 678-2437 or email:
mike_erni@maxtor.com

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Student Paper Contest

The Denver Section of IEEE is sponsoring a student
paper contest in February of this year. Winners in the
paper contest win a cash prize and are eligible to present
their paper at a contest held during the Region 5 meeting
in April. If you would like to present a paper, or act as a
judge, contact Student Activities Chair, Trevor Pfaff at
(303) 421-7910.

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Newsletter Contest

The Overlook is always in need of your input. If you
have an experience you would like to share, or some
thoughts about IEEE or the Engineering profession, we
would be pleased to publish them.

To encourage submission of articles, The Overlook
will award prizes to authors with the best two articles
submitted prior to February 16. The articles should be 250
to 500 words in length and will be published as space per-
mits. Submit your to Victor Cheung, c/o Merrick & Co.
2450 S. Peoria St., Aurora 80014. Fax: (303) 751-2581.

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- EET390 Technical Applications in C
Monday and Wednesday 1600-1715
- EET390 Fiber Optics
Tuesday and Thursday 2020-2200
- EET404 Introduction to IC Fabrication
Saturdays 0900-1220

Summer Semester

- EET235 Advanced Technical Programming using C
Tuesday and Thursday 1730-1845
- EET373 Process Control Systems
Mondays 1730-1910
- EET374 Programmable Logic Controllers
Wednesdays 1730-1910

Please contact the Department for prerequisites and
additional details

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University of Colorado at Denver

Courses for Spring Term 1996

NCES 8050 Professional Engineer's Examination Refresher Course for Electrical Engineering
Saturdays, March 2 - April 6, 8 a.m. to noon. \$295

NCES 8611 Fundamentals of Power Quality Engineering
Monday - Wednesday, January 29-31, 8 a.m. to 5 p.m. \$695

NCES 8612 Fundamentals of Electric Power Engineering
Monday - Wednesday, April 22-24, 8 a.m. to 5 p.m. \$695

NCES 8614 Materials Engineering Principles Applied to Communications and Computer Products
Thursday & Friday, March 21-22, 8 a.m. to 5 p.m. \$495

The Institute of Electrical and Electronics Engineers - Denver Section

Chair	Chair-elect	Sr. Vice Chair	Vice Chair Member Services	Vice Chair Student Activities	Secretary	Treasurer
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Society Chapters - Fred Jones, (303) 988-2951
 Awards - Darrell Sabatka, (303) 329-1547
 Student Fund - Edward Pitchkolan, (303) 966-3707
 Student Branch Activities - Trevor Pfaff, (303) 421-7910
 Consulting Network - Tim Davis, (303) 466-1117, timdavis@tdcon.com
 Professional Activities (PACE) - open
 Black Hills Subsection - Michael Pendo, (605) 394-5278
 Centennial Subsection - Richard Sandige (307) 766-6181
 Nominations - Bob Struthers, (303) 843-2235

Professional/Industry Liaison - open
 Membership - open
 Pre-College Student Activities - Jeff Wilson, (303) 388-6322
 Educational Activities -
 Conference Activities - Jim Schroeder, (303) 871-3519, Fax: (303) 871-4450
 jschroed@du.edu
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 Joint Vehicular Technology/Communications - Mark Shriver, (303) 698-9668
 Joint Industry Applications/Power Engineering - Jim Houlihan, (303) 666-4525
 Reliability - Sam Keane, (303) 673-5963
 Laser & Electro-Optics - Kevin Keilbach, (303) 673-1349, kevink@ohmeda.com
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 Engineering in Medicine & Biology - Norbert Kaula, (303) 270-8973,
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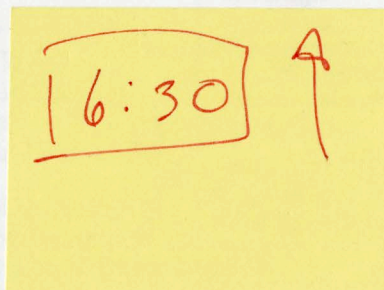
Joint Computer/Information Theory - "Shah" Bhatti, (303) 673-8915
 Electromagnetic Compatibility - George Trejo, (303) 350-4113
 Joint Antenna & Propagation/Microwave Theory & Technology/Geoscience &
 Remote Sensing - Richard Geyer, (303) 497-5852
 Aerospace and Electronic Systems - John Tsucalas, (303) 798-5769 **
 **Anyone interested in revitalizing the Aerospace Chapter please call
 John Tsucalas at (303) 798-5769.

Please notify IEEE headquarters of any changes to your address and/or phone number by calling
 1-800-678-IEEE (4333). We can not change this information in the Denver Area.

The Institute of Electrical and Electronics Engineers



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