Chairman's Corner
Chapter Relations
by Paul Meisel

The chapters within a particular section exist because members have a need for the technical expertise which the chapter can bring to the members. When the need diminishes or disappears because no one attends the meetings, the chapter is eliminated. Each chapter must have a minimum of two meetings per year and an attendance of at least ten (10). If this does not happen, the chapter is put on probation and finally disbanded if no correction is made.

The Denver Section has a few chapters in this predicament due to lack of support. If you haven't been to a meeting in a while or haven't seen a meeting scheduled, please give the chapter chairman a call to discuss your needs and offer your help.

The societies support the chapters at arms length. Some societies are better than others in giving this support, but the direct relationship is through the section. If there is a technical chapter not represented in Denver, and you feel that there would be sufficient need and support, call the Societies Chapter Chairman and volunteer to create and circulate a petition for the formation of the chapter. Section help will be forthcoming.

Attending chapter meetings is the least expensive means of obtaining your continuing education and maintaining your technical worth. Consider the alternative of attending conferences, short courses, or college classes. All of them cost more and are more time consumptive.

Thank You
IEEE Denver Section would like to sincerely thank the advertisers whose ads have been published in the RockIEEE Overlook. We appreciate your participation!
Society Chapter Meetings and Information

Joint PES/IAS
Power Engineering/Industry Applications

Thursday, February 20, 1992

Tour
General Electric Apparatus Service Center
4900 Kingston

No Dinner is planned in connection with this meeting.

Please arrive between 5:45 and 6:00 p.m.; allow about an hour for the tour.

The GE Apparatus Service Center provides electrical, laboratory and mechanical services including, but not limited to: transformer, motor and generator rewind and repair; vacuum pressure impregnation; PCB detection; VOC testing; gas-in-oil analysis; rebuild and repair of fans, pumps, compressors and centrifuges; and steam turbine repair.

The GE Apparatus Service Center is located in the Montbello Business Park. Take the Havana Street exit north from I-70. From northbound Havana St., turn right (east) on East 48th Ave. to Kingston; turn left (north). The shop is on the east side of Kingston.

Please contact Barbara at Peterson Company, 388-6322, by Monday, February 17, 1992.

EMBS
Engineering in Medicine and Biology

Wednesday, February 26, 1992
7:30 p.m.
University Hospital
9th Ave. and Colorado Blvd.
Denver, Colorado
Gaiser Auditorium, First Floor

Speaker
Julian Goldman, M.D.
Department of Anesthesiology
CU School of Medicine

"Introduction to Artificial Neural Networks and their Application in Physiological Signal Processing"

A presentation of basic principles and a discussion of applications in capnogram waveform analysis (measurement of carbon dioxide in respiration) and arterial blood pressure waveform analysis.

Parking is available in the lot to the east of the hospital ($1.50 with validation at the Information Desk). Free parking may be available on the side streets near the hospital (two hour limit).

Reservations are recommended
Please call Matt Baretich at 270-8351.

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Twelfth Annual
Colorado Engineer's Dinner
February 21, 1992

Program: Space Science with the Goddard High Resolution Spectrograph (GHRS) on the Hubble Space Telescope
(Note: Be prepared to experience history and the future at the same time.)
Brandt's $47 million GHRS is working fine and is generating significant discoveries about the origin of the universe.

Speaker: Dr. John (Jack) Brandt, CU Astrophysicist, senior researcher at CU’s Laboratory for Atmospheric and Space Physics

Location: Denver Hilton South
7801 E. Orchard Rd. (NW Corner, I-25 and Orchard)

Date & Time: Friday, February 21, 1992
Cocktails & Music 6:00 p.m.
Dinner 7:00 p.m.
Program 8:00 p.m.
Music & Dancing 9:00 p.m.

Cost: Pre-Paid Reservations - $27/person
Call Dennis Edwardson, 671-4245 for reservations.
Reservations are limited so a prompt response is recommended.

National Engineer's Week
February 16-22, 1992

Come join us for a delightful evening. Celebrate Engineer's Week, enjoy a fine social evening, win a door prize, renew friendships, and hear an excellent speaker on an exciting topic.

For additional information, telephone Chairman Roger Krempel, 1-493-7104.
S-PAC at Metropolitan State College of Denver

by Doyle Ellerbruch

The Student Chapter at metropolitan State College of Denver is hosting a Student Professional Awareness Conference (S-PAC) Saturday, February 8, 1992 from 11:30 a.m. to 5:45 p.m.

This is an opportunity for potential engineers to learn about the engineering profession from the experiences of those successful in the field. Tentative guest speakers and their topics are:

Beth Moses, Hewlett Packard
"The Real World"

Albert Rosa, University of Denver
"The Engineering Profession"

James Watson, Watson Enterprises
"Polishing Your Professional Image"

Charles Wright, retired from Public Service of CO
"Why You Need the IEEE"

Engineering students and high school students who are contemplating an engineering career and want to learn more about engineering are invited to attend. For more information call (303) 556-2503.

Schedule of Conferences and Meetings

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Event Name</th>
<th>Speaker</th>
<th>Contact</th>
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<tbody>
<tr>
<td>February 2-7, 1992</td>
<td>Snowmass</td>
<td>Aerospace Application Conference</td>
<td>Richard Day</td>
<td>(714) 863-0350</td>
</tr>
<tr>
<td>March 6-8, 1992</td>
<td>Denver</td>
<td>News 4 Education Expo</td>
<td>Suzanne Thompson</td>
<td>(303) 988-3803</td>
</tr>
<tr>
<td>April 14-16, 1992</td>
<td>Denver</td>
<td>Telecommunications Assoc. Expo.</td>
<td>Diane Lindsay</td>
<td>(303) 397-2254</td>
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<tr>
<td>April 24, 1992</td>
<td>A.F. Acad.</td>
<td>CO-WY Jr. Academy of Science</td>
<td>John Tary</td>
<td>(303) 452-6111</td>
</tr>
<tr>
<td>April 22-24, 1992</td>
<td>Denver</td>
<td>EMC-ESD International</td>
<td>Mike Fritson</td>
<td>(303) 220-0600</td>
</tr>
<tr>
<td>May 11-13, 1992</td>
<td>Denver</td>
<td>Vehicular Technology Conf. (VTC '92)</td>
<td>Jim Schroeder</td>
<td>(303) 987-3519</td>
</tr>
<tr>
<td>May 11-14, 1992</td>
<td>Denver</td>
<td>Power System Relaying (PES)</td>
<td>John Appleyard</td>
<td>(608) 364-5622</td>
</tr>
<tr>
<td>June 25-26, 1992</td>
<td>Denver</td>
<td>Software Reliability</td>
<td>Rick Karcher</td>
<td>(303) 875-6223</td>
</tr>
<tr>
<td>September 10-14, 1995</td>
<td>Denver</td>
<td>Petroleum &amp; Chemical (PCIC)</td>
<td>John Nelson</td>
<td>(303) 431-7895</td>
</tr>
<tr>
<td>July 27-August 2, 1995</td>
<td>Denver</td>
<td>PES Summer Meeting</td>
<td>Fred Jones</td>
<td>(303) 431-7895</td>
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<tr>
<td>1997</td>
<td>Denver</td>
<td>PES Joint Power Generation</td>
<td>Gary Peterson</td>
<td>(303) 929-1506</td>
</tr>
<tr>
<td>May 1997</td>
<td>Denver</td>
<td>MTT</td>
<td>Hussain Haddad</td>
<td>(303) 460-2114</td>
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<td>John Dunn</td>
<td>(303) 449-1055</td>
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<td>Claude Weil</td>
<td>(303) 497-5305</td>
</tr>
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Proposed Conferences and Meetings

International Conference on Harmonics in Power Systems (ICHPSP) 1996
ESMO 1996
Sections Congress 1996
Transmission & Distribution 1997
ITC 2000
ICC 1995-2000
EMC 1995-2000

Overlook Advertising

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<td>Business Card</td>
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<td>$400.00/mo</td>
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<td>Insert 8-1/2 x 11</td>
<td>$200.00/mo</td>
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Business card ads must be actual business cards. All other ads should be provided in camera-ready format or additional set-up charges may apply. Inserts must be provided (quantity approx. 4225) and delivered to the printer.

Deadlines for 1991-1992
March 1992 Newsletter - January 27, 1992 **
April 1992 Newsletter - March 2, 1992
May 1992 Newsletter - April 1, 1992

Please make checks payable to Denver Section IEEE. Send business card or ad copy and check to: Anita Wanger, AMW, P.O. Box 4056, Englewood CO 80115-4056, (303) 220-8042.

** Please note: Due to previous obligations, the deadline for the March Overlook has been changed to January 27, 1992. Please have all information for the newsletter to Anita at that time.
The Institute of Electrical and Electronics Engineers - Denver Section

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Conferences - John Tary, Tri-State Generation and Transmission Association, 452-6111
Awards - John R. Reesy, 755-1720
Student Fund - Dennis Edwardson, Black & Veatch Engineers, 671-4245

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Centennial - Sadrui Ula, Electrical Engineering Dept., University of Wyoming, Laramie, WY 82071, (307) 766-6268

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Electromagnetic Compatibility - Mark Lapchak, Metrum Information Storage, 773-4626
Engineering in Medicine and Biology - Jim Heller, 790-9010
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The Month at a Glance

February 20, 1992
PES/IAS Meeting

February 21, 1992
Colorado Engineer's Dinner

February 26, 1992
EMBS Meeting