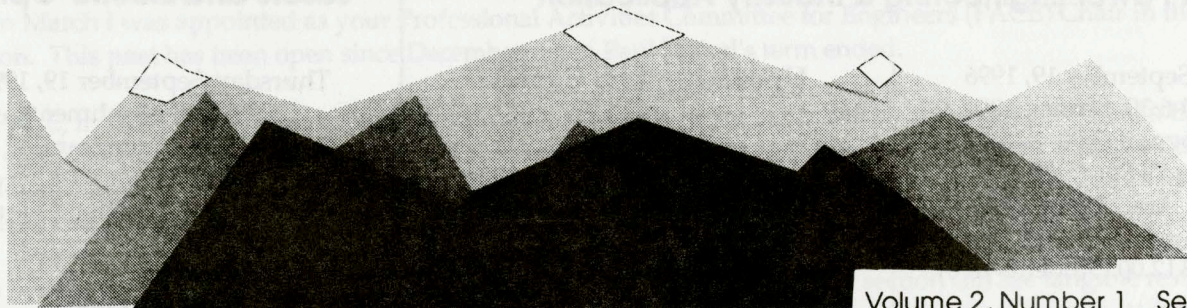


RockIEEE Overlook



Volume 2, Number 1 September 1996

Chairman's Message

by David Richmond

The summer will be ending in a few weeks and the Fall activities of IEEE are beginning. By the time you receive this issue of the Overlook, an important conference will have occurred, the Power Engineering Society 1996 Summer Meeting, July 28 through August 1, 1996. This conference is being sponsored by the Denver Section and the Power Engineering Society. Following the Summer Meeting, PES Chapter Representatives and Chapter officers from around the world will be invited to IEEE's first Chapters Congress to be held August 1 - 4 at the Hyatt Regency Hotel. As one of the committee members of the PES Meeting, I have learned first hand the tremen-

dous amount of work that goes into a successful conference, all of it volunteer.

In addition to the PES Meeting, the Denver Section and the Pikes Peak Section are hosting an important IEEE meeting November 1-4, 1996. The Sections Congress is an international meeting of the section leaders from all the world Regions. This conference only occurs every three years. The leaders will discuss topics of section operations, activities, and the technical and professional aspects of IEEE. 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 traveling with them. Many may have special needs, such as help with language or customs. If you would like to help in making our visitors welcome, please contact me as I am looking for a few volunteers.

As I mentioned in the May issue of the Overlook, Fred Jones, Ron Delyser and myself attended the Region 5 meeting in Kansas City. The meeting provides the section officers a chance to meet the regional officers and receive training to better plan and operate the Section. Some interesting facts presented: There are 315,000 IEEE members, with approximately 10% students, 240,000 located in the USA; 35 technical societies and 2 technical councils; 10 Regions, and 1037 Chapters. A half of a day was dedicated to training with a manual provided. There was even a section on "TQM". Another half day was spent on strategic planning. Over the last few years the total membership count of IEEE has fallen and a good discussion occurred on increasing the numbers. Each Section Chair presented a brief overview of their section activities and status. After listening to all the other sections, I can say that our section is one of the most active and financially healthy sections in our Region.

Rowland Outlines Plan in Bid for Region 5 Director-Elect

Jim Rowland, University of Kansas EE Professor and Student Branch Counselor, is a candidate for Director-Elect of Region 5. Recently elected to the Fellow grade, Rowland is chair of the IEEE Admission and Advancement Committee, and a member of the Regional Activity Board and the IEEE Membership Development Committee.

His focus will be on working with the current Director, John Reinert, and Section leaders throughout Region 5 to increase our sections activity and improve IEEE service and benefits to all our membership. His plan is to use the resources available to the Region Director to stimulate sections with cost-effective programs in cooperation when possible with others in IEEE, such as chapter speakers programs. Special programs must address the needs and concerns of the broad spectrum of our Region 5 membership, from mid-career professionals to students and recent graduates and to our life members.

Please call him at (913) 864-8822 (W) or (913) 842-5959 (H) or use e-mail (jrowland@ieee.org) with suggestions or concerns.

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Meetings

Joint Power Engineering & Industry Application

Thursday, September 19, 1996

Social 5:30-6:30 Dinner 6:30

Program 7:00

Brooklyn's Sports Bar

2644 W. Colfax Ave. (1 block south of
McNichols Arena and Mile High)

Dinner Fee: \$12.00 (Students free)

Speaker

Dr. John Steadman
University of Wyoming
"Requirements for Professional
Continuing Education"

Dr. Steadman is currently the Associate Dean of Engineering and Head of Electrical Engineering at the University of Wyoming. He is also the Vice President of the Wyoming Society of Professional Engineers, a past President of the Wyoming Board of Examining Engineers and a past President of the National Council of Examiners for Engineering and Surveying.

Dr. Steadman will be speaking on current and expected national requirements for professional continuing education.

Please call Barbara Linton at Peterson Company (303) 388-6322 one week prior to the meeting if you plan to attend.

Upcoming PES Events

October 29, 1996

Seminar

"Grounding Fundamentals"

November 21, 1996

Howard Bruner

"Humor in the Workplace"

December 12, 1996

Field Trip

Public Service Co. Lookout Mtn.

January 16, 1997

Bob Beale

"Professional Development"
(Joint Sections Meeting)

February 20, 1997

Field Trip

Trigen Cogeneration Facility

March 20, 1997

"Overvoltage Protection"

April 17, 1997

Seminar

"Industrial Grounding"

May 15, 1997

Tony Jefferson

"Adaptive Var Compensation"

September 18, 1997

Jim Gorman

"Design E Motors"

Lasers and Electro-Optics

Thursday, September 19, 1996

7:00 p.m. Refreshments,

7:30 p.m. program

NIST, Room 1107

325 Broadway, Boulder, Colorado

Speaker

Dr. Ed Friedman

Ball Aerospace and
Technologies Corp.

"Modern Techniques of Optical
Astronomy"

Ed has been involved in the computer modeling of a telescope design developed by the European Southern Observatory. The computer modeling approach has led to insights into the expected performance of the telescope and can be extended to predict performance of a giant interferometer planned by ESO. The talk will include a slide show of the telescope construction progress in Chile. Ed will also provide some examples of simple calculations in active and adaptive optics, derived from his recent book, "Photonics Rules of Thumb", written with John Miller of FLIR Systems, Inc.

Ed received his BS in Physics from the University of Maryland in 1966 and a PhD in Physics from Wayne State University in 1972 in low temperature physics. He currently manages the Non-Conventional Imaging Laboratory at Ball.

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

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The following Section and Service Awards were presented at the May 16, 1996 All Chapters/Awards Meeting:

Section Service Award
Mike Foley

Professional Award
Dr. John Steadman

Student Branch Award
University of Colorado

Society Chapter of the Year
Laser and Electro Optics

Congratulations to all the recipients for all their hard work and long hours.

From the PACE Chair

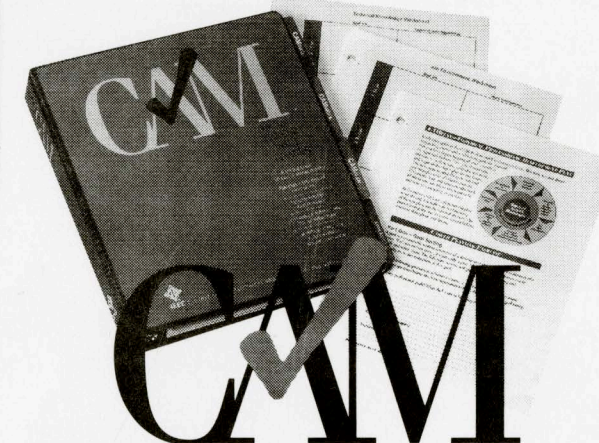
John C. Tsucalas, IEEE Senior Member

In March I was appointed as your Professional Activities Committee for Engineers (PACE) Chair in the Denver Section. This post has been open since December when Paul Meisel's term ended.

PACE, in short, is an IEEE network of professional career enhancing activities and programs to help IEEE members gain employment (or self-employment), plan and implement their career growth, to represent their interests to their employers and in government policy and to the public. This is certainly a broad charter for any group. It needs a realistic and effective plan, and dedication to see it through.

I believe that PACE is meaningful only if you, the members in the Denver section can see tangible results occurring in your professional environment. It was noted recently, that the IEEE Web site with the most "hits" is its Job Listing Service. This is because it is readily accessible provides an immediate benefit to the member-user, and by its nature, lets the member select the situations that interest the member. Likewise, our local PACE services ought to be as responsive, whether it is an individual service or a collective benefit. Engineers will be the focus of my efforts. I will be developing my plan of action during the coming weeks and I look forward to working with many of you on what I hope will be a very successful program. I also plan to report to you through the RockIEEE Overlook, and other media, my plan of action and significant results. If you would like to influence this process, call me at (303) 798-5769, or e-mail jtsucalas@aol.com, I welcome your ideas and will openly share mine.

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