



Communications Chapter

The IEEE Communications Chapter will be having a tour of the communications systems and control tower at the Calgary International Airport on September 21st at 7 PM. The tour is of the NavCanada Facilities on the West side of the airport (control tower). For safety reasons, the tour size must be limited. To reserve your spot on the tour either telephone me at **403-207-3126** or email me at **vschuler@cal.devry.ca** and leave your name and telephone number or email address. I will confirm your spot on the tour.

Govt. of Canada – Honors and Awards – Call for Nominations

The office of the Governor General for Canada is seeking nominations for The Order of Canada (to honor a lifetime of achievement), the meritorious Service Decorations (to honor exceptional deeds or activities) and The Governor General's Caring Canadian Award (to honor selfless volunteerism).

For more information, please call **1-800-O-CANADA** or visit the website located at **www.gg.ca/**

Call for Papers

If you are interested in presenting a paper at the "Second International ICSC symposium on ENGINEERING OF INTELLIGENT SYSTEMS / EIS 2000, the deadline for submission is November 30th, 1999. This conference will be held in Scotland, at the University of Paisley on June 29th – July 2nd, 2000.

For more information, please see:
www.icsc.ab.ca/eis2000.html

Contact List

Section Officers

Chair: Rob Anderson Tel: (403) 268-1080
Fax: (403) 268-3435
E-mail: rlanderson@enmax.com

Vice: Jeff Pieper Tel: (403) 220-5776
Fax: (403) 282-8406
E-mail: pieper@enme.ucalgary.ca

Secretary: Doug Ballie Tel: (403) 750-4119
E-mail: baid3@snc-lavalin.com

Treasurer: Danny Wong Tel: (403) 267-7645
Fax: (403) 267-7415
E-mail: danny_wong@transalta.com

Newsletter: Petra-Jo Denison
E-mail: pdenison@cal.devry.ca

Web Master: David Alisch Tel: (403) 282-7805
Fax: (403) 266-4660
E-mail: slisch@computer.org

Chapters

PES/IAS Ollie Danielewski Tel: (403) 239-8031
Fax: (403) 239-8031 *51

Communication Vaughn Schuler Tel: (403) 207-3126
E-mail: vcal.devry.ca

Computer Colette Bielech Tel: (403) 294-3533
Fax: (403) 264-1442
E-mail: colette.bielech@autodesk.com
Also acts as chair of Women In Engineering Committee.

EMBS Peter Bovell Tel: (403) 207-3182
Fax: (403) 272-3017
E-mail: pbovell@cal.devry.ca

Student Branch Counsellors

U of C Ed Nowicki Tel: (403) 220-5006
Fax: (403) 282-6855
E-mail: nowicki@enel.ucalgary.ca

DeVRY Peter Bovell Tel: (403) 207-3182
Fax: (403) 272-3017
E-mail: pbovell@cal.devry.ca

SAIT Ron Edwards Tel: (403) 284-8401
E-mail: edwardsr@tech.el.sait.ab.ca

Membership Development Peter Bovell Tel: (403) 207-3182
Fax: (403) 207-6225
E-mail: pbovell@cal.devry.ca

Gold Rep. Chris Collip Tel: (403) 293-5919
E-mail: jcollip@technologist.com



The Institute of
Electrical &
Electronics
Engineers

September 1999

Southern Alberta
Section



Chairs Report

It's September, so that means the first newsletter of the 1999 – 2000 executive. The section is looking at hosting a variety of technical seminars and social functions this year. It is the goal of the executive to present topics that focus on today's technical changes that affect all of us in our daily lives. The success of the program the section presents depends on input, participation and feedback from our members. If there is anything you, as a member would like to see, let anyone on the executive know. Hats off to everyone on last year's executive, they did an excellent job.

Membership Elevation

Congratulations to John Maniawski and Rob Anderson. John and Rob were elevated to Senior Members in IEEE.

What is Senior Membership?

Senior Membership is a membership grade unlike student or "full" member. Senior Membership is equivalent to the normal membership level in terms of benefits and membership fees, but it distinguishes members with experience and significant performance. It is the highest membership that members may apply for themselves.

All levels above Senior Members or higher may also nominate members for Senior Membership level.

This grade requires experience reflecting professional maturity. For admission or transfer to Senior Member status, a candidate should be an engineer, scientist, educator or technical executive in specific fields designated by the IEEE.

Senior Membership shows:

- At least 10 years or engineering!
- 5 years of "significant performance".
- Recognition by fellow engineers.
- Members who have been advancing in engineering, not doing the same engineering year after year.

As an added bonus, IEEE Membership Development will send you an attractive 8" X 10" walnut plaque, with brass nameplate, to newly elected Senior Members (this feature started in 1999). IEEE Southern Alberta Section Seeks Millennium Medal

Nominations

The IEEE has established a new Institute wide medals program to mark the new millennium and honor members. Seven such medals have been allocated to our section and will be awarded for outstanding contributions to the section. A total of 3000 medals have been allocated to various societies, sections, regions and boards.

Please send your nominations to Rob Anderson, IEEE SAS Chair by October 15th, 1999.

(E-mail: randerso@enmax.com or fax: 403-301-2644)

The nomination procedure is very simple. You simply need to provide the name, mailing address, telephone and fax numbers, e-mail address, IEEE member number and a brief statement (limited to 5 lines) about the outstanding contributions that person has made to the affairs of IEEE Southern Alberta Section.

1999 Regional Activities Board (RAB) Nominations:

RAB is currently accepting nominations for the following 1999 rewards: RAB Achievement, Innovation, Leadership and Larry K. Wilson Transnational Award. These awards are the most prestigious RAB has to offer and are designed to recognize outstanding efforts by IEEE volunteers. These are not technical achievement awards. The deadline for nomination submissions is 15 October 1999. For more information, please contact **Felicia Taylor (f.taylor@ieec.org)** or visit the World Wide Web at the following site:

www.ieee.org/organizations/rab/rab/awards/rabawards.html

IEEE DeVRY Student Chapter News

The DeVRY Student Branch of the IEEE will be hosting the WESCANEX IEEE Conference and Trade Show, on the 29th and 30th October 1999, at their campus and the Sheraton Hotel Cavalier. This conference is jointly organized by IEEE SAS and the Hi-Tech Management arm of the IEEE Student Group. More details:

Linda Lawson (llawson@cal.DeVRY.ca)

Petra Jo Denison (pjeros@yahoo.com)

Vehicular Technologies

Another IEEE DeVRY student group has been formed, under the banner of Vehicular Technologies. It brings the number of active clubs on campus to nine this year. This group will explore designs and concepts in Fuel Cells, Solar Power, Controls and will enter the SOLAR CAR Race competition from Boston to Florida, if industry partners can be found.

Contact Team Leaders are:

Kelvin Seier (kelvin_seier@hotmail.com)

Michael Fernquist (mfernquist@home.com)

Petra-Jo Denison (pjeros@yahoo.com)



Computer Chapter Events

Software Engineering and Quality Meetings

These meetings are industry-oriented presentations and discussions on software processes, issues, and best practices. The IEEE Computer Society and American Society of Quality (ASQ) jointly present the Software Division. The subjects covered are based on the ASQ Certified Software Quality Engineer body of knowledge. The fall 1999 schedule is as follows.

DATE SUBJECT OF DISCUSSION

Sept.15 Panel discussion on professionalism and certification of software professionals

Sept.29 Introduction to software quality management

Oct.13 SPICE-Software Process Improvement and Capability Determination, the new standard in software assessment

Oct.27 An overview of software processes

Nov.10 Management of Change in software organizations

Nov.24 Introduction to software project management

The IEEE Computer Society and American Society of Quality, Software Division, jointly present these sessions. It's free! Everyone is welcome.

The sessions are held Wednesdays at DeVRY at 2700-3rd Avenue S.E. in Room 212 from 6:30 p.m. to 8:30 p.m. DeVRY's campus is located at the intersection of Memorial Drive and Barlow Trail. To get there from Memorial Drive, turn north on Barlow Trail and then turn right (east) onto 3rd Avenue SE.

If you would like to be added to the email notification list or want more information, please contact

Kim Kelln (k.kelln@ieec.ca) or Colette Bielech (294-3533 or c.bielech@computer.org).

To find out more, check out the web site at

<http://www.asqc.org/standcert/certification/csqs.html>