
March 2001

Rock River Valley Section
www.ieee.org/regional/section/rock_river/

Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

Computer/Control Systems Chapter Meeting IT In Higher Education

When

March 29, 2001

Where

Rock Valley College, Technology Center, Room 117. I90 to Riverside Blvd., exit and go west to Mulford Rd. Go south to first light, turn east into RVC. Follow road to left to last building.

Agenda

6:00 PM Social
6:30 PM Dinner
7:30 PM Program

Program

Bob Campbell, Chief Information Officer and Executive Dean of Information Technology Services at Rock Valley College, will present an overview of the IT Plan for RVC, the accomplishments to date, and the work yet to come. Mr. Campbell's areas of responsibility include the College's voice, video and data systems.

Rock Valley College formulated a comprehensive plan for significantly upgrading its information technology infrastructure and resources. This IT Plan was adopted by the RVC Board of Trustees in summer, 1999, and

subsequently funded for implementation. The plan addresses voice, video and data systems at the College, and has the following headings: Network Infrastructure, Wide-area Network, Network Servers, Specialized Applications, Web-based Systems, Desktop Systems, User Support, Network Management/Security/Reliability, Voice Communications, Video. Mr. Campbell will discuss the network design, the wide-area connectivity, the voice-over-IP telephony system, the video system and video-over-IP, specific applications, and related matters.

Speaker

Mr. Campbell came to RVC in the fall of 1998, to fill the inaugural position of Dean of IT. He previously spent 20 years at Manatee Community College in Florida, where he was a professor of mathematics and computer science. He holds undergraduate degrees in mathematics and computer science; his graduate degree from Ohio State University is in mathematics. Mr. Camp-

bell is active at the national level on several initiatives related to higher education.

Door Prizes

Sponsored by RRVS

Meal

Dinner will be buffet style (with a min. of 15) and will consist of either vegetables or chicken. Please reserve your space and make your meal selection and reservations by **calling Gloria at 815-226-2513 by Monday March 26.** (Please include email address and meal selection in the information you provide Gloria - thanks). The cost of the dinner is **\$2 for student IEEE members, \$5 for other IEEE members and \$10 for non-members.** Unemployed members may call one of the officers for special arrangements.

Note

The meeting is open to the general public. You need not be an IEEE member. Guests are welcome. However, please call to enable us to make appropriate arrangements.

Notice of Change to RRVs Newsletter Delivery

Beginning with the September '01 RRVs Newsletter, the delivery will change from hard copy to purely electronic. Email notification of availability of the newsletter at the section website will be sent to all members with whom we have an email address on file.

Chicago/Rockford IEEE Consultants Network Meeting

The next meeting will be on Monday, March 26, 2001. The optional informal dinner is at 6:15 PM at Bakers' Square (270 E. Northwest Highway and North Court), and the meeting at 7:30 PM at the Palatine Public Library (700 North Court, Palatine, IL 847-358-1216).

The speaker will be Harvey Brodsky. Harvey will be speaking on "Why every competitor wants your good customers". Retaining your customers' loyalty requires planning and concerted effort. Harvey will share with us his 30 years of experience in consulting and retaining customers. Members and non-members are invited to both the meeting and the optional dinner.

Information about the network can be obtained by e-mail: g.l.blank@ieee.org and at our web site <http://www.drblank.com/coaction.htm>.

January Meeting Recap

University of Illinois Associate Professor Louis Wozniak described a graphical approach to hydrogenerator governor tuning that he developed. The resulting graph allowed non-control engineers to determine the hydrogenerator system characteristics without performing the extensive calculations normally associated with the task.

His work is based on the hypothesis

Chair



Chris Wrate

Vice Chair



Prof. Don Zinger

Treasurer



Larry Wachowiak

Secretary



Alkesh Patel

that some system parameters are not known at the design stage. It develops a graph that can be used to predict optimum proportional and integral gains based on four parameters: the time constants of the water column and of the rotor inertia and the self-regulation constants of the turbine and of the loading grid. The pole cancellation method of design is used and the results are posed in an easy-to-use format not requiring the solution of systems of equations. Information on stability limits and comparisons with other works were included.



RRVS 2002 Section Officer Nominations

In accordance with the RRVs bylaws, the Nominations Committee has submitted the names of the following individuals (pictured at left) as nominees for the four elected positions on the RRVs Executive Committee for 2002. The election will be held at the May 31 section meeting. This election is for the calendar year 2001.

- Chair** Chris Wrate
- Vice Chair** Don Zinger
- Treasurer** Larry Wachowiak
- Secretary** Alkesh Patel

Additional nominees can be submitted by petition from the section membership. A potential nominee must be an IEEE member in good standing and a member of the RRVs. A petition must be signed by at least 20 RRVs members. Deadline for petitions is April 15. Please submit petitions to Bob Parro (see contact info on page 3)

April Meeting/Tour Preview

The tour is to the GM Bus and Truck Assembly Plant in Janesville, WI. It is limited to 70 people. We will get a tram ride through the assembly areas. We will see everything except the paint areas: all the 600 robot assembly lines, the body line, the frame lines, and final assembly and test.

Submissions to Event Sense

Send articles and job ads to the *Event Sense* editor, Bob Parro, via e-mail (preferred), or fax. Job ads will run for two consecutive months. Contact the *Event Sense* editor if the ad needs to run longer. Please make submissions by the twenty-fifth of the month. All submissions are subject to editing for style, clarity, and space considerations.

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Chair



Ami Patel
Vice Chair



Joe Dowsett
Secretary



John Thomas
Treasurer

*Messages for student officers can be left at the NIU Dept of
Electrical Engineering,
(815) 753-9974 or e-mail at sb.niu@ieee.org*

***The Rock River Valley Section gratefully acknowledges the following
companies and university for supporting Section Officers:***

Hamilton Sundstrand • Northern Illinois University • Telelogic



Rock River Valley Section
Established 1947

Seminar on Crystal Engineering at NIU

Date: April 16, 2001

Location: NIU Engineering Building Room 101
(May videocast it to other NIU campuses also)

Topics: "Crystal Oscillator Engineering" and
"Future Trends of Oscillator Markets"

For details see the WEB site <http://www.geocities.com/niuieee/> or contact
John Thomas at <orestes12@hotmail.com>.

Electronic IEEE Membership Application

An electronic online application is available at:
www.ieee.org/join.html

Update Your Own IEEE Member Contact Info Online

Go to IEEE Web Registration at:
services1.ieee.org/membersvc/registration/intro.htm

Calendar

- March Section Meeting March 29**
Bob Campbell, Chief Information Officer at Rock Valley College, on Information Technology in Higher Education
- April Section Meeting/Tour WEDNESDAY, April 25**
Janesville GM Bus and Truck Assembly Plant, Janesville, WI
- May Section Picnic/Elections May 31**
Hamilton Sundstrand Park



Joint Computer/
Control Systems
Society Chapter
Established 1995



Industry
Applications
Society Chapter
Established 1992



Power
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Established 1996

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