
March 2002

Rock River Valley Section

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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

Computer/Control Systems, PELS, IAS Chapters Meeting

Hamilton Sundstrand Tour

When

Wednesday, March 27, 2002

Where

Hamilton Sundstrand, Plant 6,
4747 Harrison Ave, Rockford.
Go to the guard office at the top
of the ramp near the northwest
corner of Plant 6 (the one at the
corner of Harrison and Alpine).

Agenda

6:15 PM Tour Begins
8:30 PM Tour Ends

Tour

Hamilton Sundstrand is a global corporation with a variety of business units that design, manufacture and support aerospace and industrial products for worldwide markets. The company's aerospace business, The Aerospace Power Company, provides electric power generating, distribution, management and control systems. Some of the control systems are; fuel and special fluid pumps; engine control systems; gearboxes; primary and secondary flight controls and actuation systems; ram air turbine emergency systems; auxiliary power units; environmental control systems; propel-



ler systems; torpedo propulsion systems; launch vehicle hydraulic power units; and electronic controls and components.

The aerospace products serve the commercial, military, regional and general aviation markets, as well as the space and undersea markets. After-market services include spare parts, overhaul and repair and engineering and technical support. Industrial products serve the general industry, hydrocarbon,

power generation, construction, mining, chemical, water and waste treatment, wood and paper and agribusiness markets.

The tour of Hamilton Sundstrand will be of its Rockford location. On the tour you will see both the mechanical and electrical side of the business. The tour will show aspects of the product design, build, test, and qualification, and how aftermarket products are overhauled and repaired.

Meal/Reservations

There will be NO formal meal associated with this meeting. However, please reserve your space on the tour by **calling Ginger at 815-394-5696 or sending her an email (ginger.spinasanta@hs.utc.com) by Monday, Mar 25, at noon.** Please include the following information: your name, phone number, email address, IEEE member number, and **citizenship.**

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.

All Electronic Delivery of the RRVS Newsletter

The RRVS Newsletter is now being made available online. Members who would like to have a copy emailed to them, please send an email request to b.parro@ieee.org. Email notification of availability of the newsletter at the section website (see page 1, upper right corner) will be sent to all members with whom we have a valid email address on file. Please check for a valid email address with your registration information with IEEE National—see page 4 on how to view your information online.

Chicago/Rockford IEEE Consultants Network Meeting

The next meeting will be on Monday, March 25, 2002. 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).

This month there will be an open discussion on "Time to Fly Solo?" based on the article by Dr. Stuart G. Welsh in the Summer 2001 edition of The Bent of Tau Beta Pi.

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>.

February Meeting Recap

Dick McClung, long time pilot and builder of airplanes spoke to a joint IEEE/ASME sections audience at Lino's. Dick had a lot of interesting historical facts and anecdotal information that made for an enjoyable meeting with our friends from ASME. Thanks Dick.

Chair



Jitendra Solanki

Vice Chair



Alkesh Patel

Treasurer



Larry Wachowiak

Secretary



Chris Wrate

Computer/Control Systems Chair



Bob Parro

PELS Chair

No picture available

Neal Clements

IAS Chair



Vietson Nguyen

RRVS 2003 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 2003. The election will be held at the May 30 section meeting. This election is for the calendar year 2003.

- | | |
|-------------------|-------------------------|
| Chair | Jitendra Solanki |
| Vice Chair | Alkesh Patel |
| Treasurer | Larry Wachowiak |
| Secretary | Chris Wrate |
| Comp/CS | Bob Parro |
| PELS | Neal Clements |
| IAS | Vietson Nguyen |

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 Preview

Our old friend Caio Ferreira, former RRVS Section Chair for 6 years, will be presenting 'More Electric Aircraft Advanced Motor Drive', in his capacity as an Industry Application Society Distinguished Speaker. Please join us in a reunion with Caio.

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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Northern Illinois University Student Branch Officers



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Chair



Rafael Bombino
Vice Chair



Ami Patel
Secretary



Chris Meyer
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

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Calendar

- March Section Meeting** **WEDNESDAY, March 27**
Tour of Hamilton Sundstrand in Rockford
- April Section Meeting** **April 18**
Caio Ferreira will speak about advanced motor drives used in the More Electric Aircraft
- May Section Picnic/Elections** **May 30**
Hamilton Sundstrand Park



Joint Computer/
Control Systems
Society Chapter
Established 1995



Industry
Applications
Society Chapter
Established 1992



Power
Electronics
Society
Chapter
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