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May 2002

Rock River Valley Section

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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

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RRV Section Meeting

# FREE STEAK!!

For IEEE Members

**When** May 30, 2002

**Where**

Hamilton Sundstrand Park, Area 2, North Pavilion (see map on page 2), on Newburg Road north of the Chrysler Plant in Belvedere.

**Agenda**

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

**Program**

Picnic and RRVS officer election. You are cordially invited to attend the Annual RRVS Picnic on May 30, 2002. The RRVS will provide the food and drink **FREE OF CHARGE TO IEEE MEMBERS**. In addition, 2003 RRVS elections will be held.

**Door Prizes**

Sponsored by RRVS.

**Meal/Reservations**

Dinner will be charcoal broiled steak/chicken breasts/veggy burger, plus vegetables, fruit, beer, pop, dessert and more! Please make your **dinner reservations**

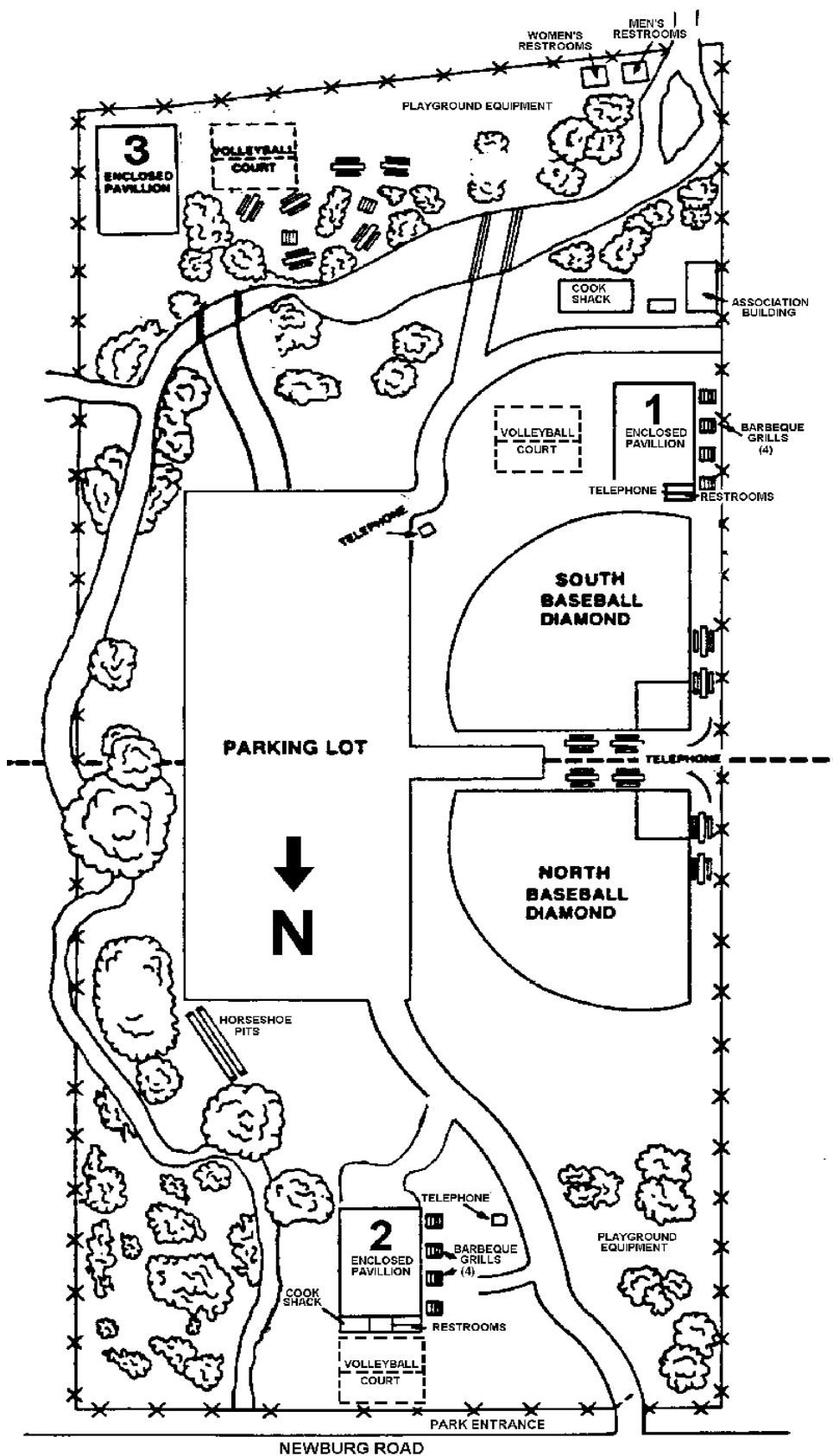


by calling **Ginger** at **815-394-5696** or sending her an **e m a i l** (**g i n g e r . s p i n a s a n t a @ h s . u t c . c o m**) by **Tuesday, May 28, at noon**. Please include the following information: your name, phone number, email address, IEEE member number, and dinner choice. Dinner is **FREE** for members and student members, \$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.



## Hamilton Sundstrand Park

### Chicago/Rockford IEEE Consultants Network Meeting

The next meeting will be on Monday, May 20, 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). The topic will be "Polish Your Presentation Skills and Score New Clients". Go to <http://www.drblank.com/coaction.htm> for more info.

Many people have a fear of professional speaking, but fortunately there are some basic guidelines you can follow that can help you become a polished presenter.

### April Meeting Recap

It was great to see our old friend Caio Ferreira, after being gone from the RRVS for about 6 years. Caio talked to us about Silicon Carbide technology and its use in Power Electronic switching devices used for electric actuation in aircraft. Thanks for coming, Caio, and we wish you the best.

### Submissions to *Event Sense*

Send articles and job ads to the *Event Sense* editor, Bob Parro, via e-mail (preferred), or fax. Please make submissions by the twenty-fifth of the month. All submissions are subject to editing for style, clarity, and space considerations.

e-mail: [b.parro@ieee.org](mailto:b.parro@ieee.org)  
 fax: (443) 339-2606

# 2001/2002 YEAR-IN-REVIEW



### September 2001

Professor Yohji Okada from the Department of Mechanical Engineering at Ibaraki University in Japan spoke about Recent Developments in Bearingless/Self-Bearing Drives.



### October 2001

Russel Kerkman who is an Engineering Consultant with Rockwell Automation/Allan Bradley Company in Mequon, WI, presented Effects of Parasitics on the Control of Voltage-Source Inverters.



### November 2001

Eduard Mujadi from the National Renewable Energy Laboratory in Golden, CO, gave us an excellent update on Wind Farm Power Systems.



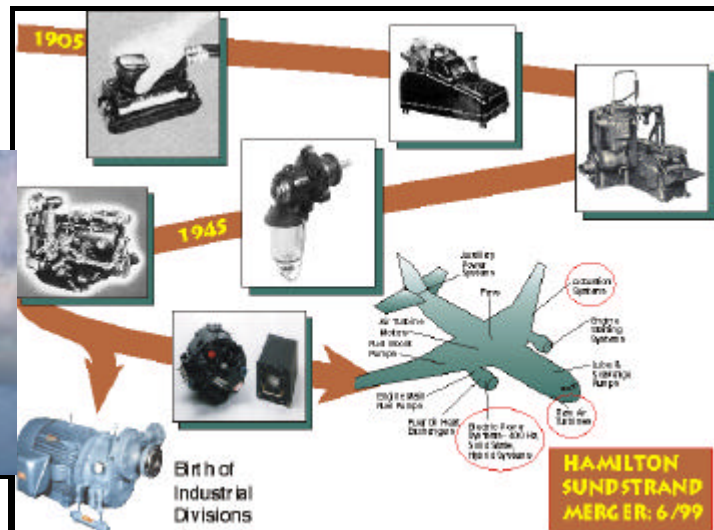
### January 2002

An excellent tour of Danfoss Drives in Rockford was provided.



### February 2002

Dick McClung, retiree from Hamilton Sundstrand, enthralled us with a presentation on experimental aircraft.



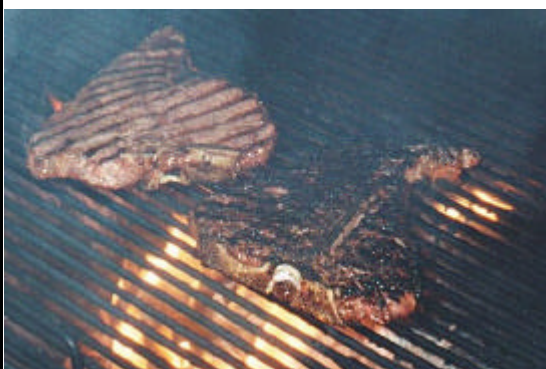
### March 2002

An awesome tour of Hamilton Sundstrand was conducted.



### April 2002

Caio Ferreira, former RRVS section chair, and now IEEE Fellow and head of his own company, intrigued us regarding Power Electronics and Conditioning for Electric Actuation.



### May 2002

Annual picnic and election of RRVS officers at Hamilton Sundstrand Park in Belvedere features steak on the grill.



Rock River Valley Section  
Established 1947

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**Calendar**

**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  
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