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May 2000

Rock River Valley Section  
[www.ieee.org/regional/section/rock\\_river/](http://www.ieee.org/regional/section/rock_river/)

Event



Sense

The Institute of Electrical and Electronic Engineers, Inc.

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## IEEE RRVS Picnic/Elections

# FREE

# STEAK!!

For IEEE Members

**When** May 25, 2000

**Where** Sundstrand Association Park, Area 2, North Pavilion (see map on page 2), on Newburg Road north of the Chrysler Plant in Belvidere.

**Agenda** 6:00 PM Social Hour  
6:30 PM Dinner  
7:30 PM Elections

**Program** Picnic/Elections - You are cordially invited to attend the

Annual RRVS Picnic on May 25, 2000. The RRVS will provide the food and drink **FREE OF CHARGE TO IEEE MEMBERS**. In addition, 2000-2001 RRVS elections will be held.

**Door Prizes** Sponsored by RRVS

**Meal** Dinner will be charcoal broiled steak, vegetables, fruit, beer, pop, dessert, etc.

Please make your **dinner reservations** by calling **Jennifer at 815-753-9974 by Tuesday, May 23, 1999**. The cost of the **dinner is free** for IEEE members and **\$12.00** 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. However, please call to enable us to make proper arrangements.

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**April RRVS Meeting Recap**

RRVS' Vice Chair Chris Wrate (below) gave an interesting talk on use of Genetic Algorithms to identify control system PID control loop digital filter coefficients for optimum control of a hydrogenator.

**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.

e-mail: b.parro@ieee.org

# 1999-2000 IEEE RRVS Executive Committee

Prof. Don  
Zinger

Chris  
Wrate

Matt  
Zimmer

Larry Wa-  
chowiak

Bob  
Parro

Vietson  
Nguyen

Jim  
Buerosse

Joe  
Etminan

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

*Hamilton Sundstrand • Northern Illinois University • Quality Systems and Software*

## 1999/2000 YEAR IN REVIEW

September 1999  
Prof. Malik E. Elbuluk from the University of Akron discussed Motor Drive Technologies: Trends and Trade-offs

November 1999  
Dr. Vincent McGinn (not pictured) spoke at NIU about Electromagnetic Compatibility

December 1999  
Steve Nailor, Director of the Freeport and Dixon Districts of ComEd, expounded about Y2K Vs The Electric Utility Grid

January 2000  
Stephen R. Fleeman and Thomas Lombardo, both Associate Professors of Electronics Engineering Technology at Rock Valley College, presented Distance Learning

February 2000  
Derek Walton, a 20 year veteran in the EMC field, electrified us regarding the Electromagnetic Compatibility Directive

March 2000  
The RRVS toured the Motorola Harvard Facility where 60,000 cell phones are manufactured and sent into distribution each day

April 2000  
Chris Wrate, a design engineer at Gammaflux LLP and your current RRVS Vice Chair, presented his work with Genetic Algorithms



Rock River Valley Section  
Established 1947

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## Calendar

**May Section Meeting** ..... **May 25**  
Section Elections and Picnic—Hamilton Sundstrand Park



Joint Computer/  
Control Systems  
Society Chapter  
Established 1995



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Applications  
Society Chapter  
Established 1992



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Electronics  
Society  
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### Time-Sensitive Material

*Inside This Issue*

- May Section Meeting Notice ..... 1
- April RRVs Meeting Recap ..... 2
- RRVs Executive Committee ..... 3
- 1999-2000 RRVs Meetings In Review ..... 3
- Calendar ..... 4