

April 1998

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

Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

RRV Section Meeting

UPS Facility Tour

When April 18, 1998

Note this is a Saturday

Where UPS facility at the Rockford Airport, 3300 Airport Drive, Rockford. This is at the south end of Main Street. When entering the drive, turn left and go through the gate. Please sign in at the guard office.

Agenda 5:45 PM Meet at UPS
6:00 PM Tour Begins
8:00 PM Tour Ends



Tour Tour begins at 6:00pm sharp. The tour date changed relative to previous announcements in order to accommodate UPS' schedule.

This facility is the second largest UPS Air facility in the country. It employs over 1000 people and again and exit at the other end of has over 25 planes. We will tour the building. After the containers it during the peak of the work day leave the building they (and we and will see the entire facility will) go onto an airport ramp from where the packages enter where the planes sit. We will

watch the containers load into the plane and then tour the inside of the cargo plane.



UPS has been gracious enough to allow us to have as many as 80 people including spouses.

Reservations Please make your reservations by calling **Gloria** at **815-226-5247** by **Wednesday, April 15, (please include your e-mail address in the information you provide Gloria - thanks)**. Non IEEE members can make reservations beginning Thursday, April 9th. There is no cost for the tour.



at one end of the building, are unloaded from the containers, sorted, placed into containers



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.

RRVS Technical Seminar?

The RRVS Executive Committee is contemplating organizing a one to two day technical seminar with multiple tracks in the fall. The technology focus under consideration is signal processing.

Please feedback to your executive committee:

- encouragement to proceed or
- discouragement on this focus while suggesting a focus more suitable to your interests or
- discouragement in general on the concept of a seminar

Additionally,

- please notify the executive committee if you would like to participate in the seminar whether presenting or organizing and
- under what circumstances would you seriously consider attending such a seminar?

Please use the contact information on page 3, your input is of great value and would be abundantly appreciated.

Rockford/Chicago Consultants Network Meeting

When: Mon May 18, 1998

Where:

Palatine Public Library
700 North Court
Palatine, IL
(847) 358-1216

Contact: Harvey Brodsky at (847) 222-1747.

Two New Self Study Courses

The first one, entitled *Produce Clean Software Designs, Take An Object-Oriented Analysis Challenge*, can help software-development professionals to design more grounded software with object-oriented analysis.

This continuing education course, authored by Dr. Eric J. Braude of Boston University, consists of a textbook -- *Object Oriented Modeling and Design*, -- a study guide, a workbook & a final exam.

This course incorporates useful elements of the Unified Modeling Language, Design Patterns, and the Booch, Jacobson, Coad/Yourdon and Shlaer/Mellor methodologies.

This course will guide the users through the analysis, system design and object design phases of system building. To order, use product number HL5733. Member price, \$249.

Learn To Eliminate EMI with an EMC Self-Study Course authored by Dr. V. Prasad Kodali, consisting of three parts: a study guide, a textbook -- *Engineering Electromagnetic Compatibility: Principles, Measurements and Technologies*, and a reader -- *EMC/EMI: Selected Readings*.

The course will teach the following:

- the approaches to model and understand the sources of EMI;
- techniques of measuring EMI;
- procedures for measuring immunity to pulsed interferences;
- and useful engineering practices and technology tools to minimize EMI and improve EMC. To order, use product number HL579. Member price, \$279.

For further information or to order call 800-678-IEEE.

March Meeting Recap

Dr. Fred Lee, IEEE Power Electronics Society Distinguished Lecturer, will have spoken on *An Overview of Soft-Switching Techniques for PWM Converters/Inverters* by the time the reader reads this. Because this issue of the *Event Sense* went to print in advance of Dr. Lee's talk, the recap will be in next month's newsletter. However, Dr. Lee's reputation precedes him and we are certain all attendees will have been treated to a top notch technical presentation not only on the indicated topic but embellished with future trends.

May Election/Picnic Meeting Preview

The May meeting will be the RRVS' annual election/picnic meeting. This meeting features free steak and lots of trimmings and is held at Sundstrand Park. The steak is of as high caliber as the people that attend and cooked by master steak chefs;-) Please consider joining us for the election, food, fellowship and door prizes!

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
fax: (815) 394-2497



RRVS Executive Committee

(l-r) **standing:** Larry Wachowiak, Treasurer; Hassan Mansir, IAS Chapter Chair; Don Zinger, NIU Student Branch Counselor; Matt Zimmer, Secretary and IAS Chapter Vice Chair; Roger Caruana, Education and Technical Activities Chair; **seated:** Caio Ferreira, Past Section Chair and current IAS Chapters' Department Chair, Bob Parro, Section Chair; Bill Barber, Section Vice Chair and Membership Chair; Jim Buerosse, PELS Chapter Chair; Paul Peterson, Joint Computer/Control Systems Chapter Chair and Awards Chair

The Rock River Valley Section would like to give recognition to the following area companies and university for supporting Section Officers:

Sundstrand Corporation • 3C Computer Systems • William Barber & Associates • Northern Illinois University

Rock River Valley Section of the IEEE 1997-1998

[WWW: www.ieee.org/regional/section/rock_river/]

Elected Executive Committee

Chair	Bob Parro	b.parro@ieee.org	(815) 394-2947
Vice-Chair	Bill Barber	b.barber@ieee.org	(815) 235-4110
Secretary	Matt Zimmer	m.zimmer@ieee.org	(815) 394-3456
Treasurer	Larry Wachowiak	l.wachowiak@ieee.org	(815) 394-5676

Appointed Executive Committee Chairs

IAS Chapter Chair	Hassan Mansir	hmansir@snds.com	(815) 226-6875
IAS Chptr. Vice Chair	Matt Zimmer	m.zimmer@ieee.org	(815) 394-3456
Comp/CS Chapter Chair	Paul Peterson	paul.peterson@ieee.org	(815) 226-2584
PELS Chapter Chair	Jim Buerosse	j.buerosse@ieee.org	(815) 226-6078
Educational Activities	Roger Caruana	r.caruana@ieee.org	(815) 227-1850
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Awards	Paul Peterson	paul.peterson@ieee.org	(815) 226-2584
Publicity, Newsletter Editor	Bob Parro	b.parro@ieee.org	(815) 394-2947
Nominations	Roger Caruana	r.caruana@ieee.org	(815) 227-1850

Northern Illinois University - Student Branch Officers

St Br Counselor	Prof. Don Zinger	d.zinger@ieee.org	(815) 753-0540
St Br Chair	Jamie Phillips		
St Br Vice-Chair	Michelle Marotta		
St Br Secretary	Rob Reeder		
St Br Treasurer	Vince Adams		

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



Rock River Valley Section
Established 1947

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Apply via the Web

www.ieee.org/join.html

Calendar

April Section Meeting/Tour **Saturday, Apr 18**
UPS Tour, Rockford Airport

May Section Elections/Picnic **May 28**
Sundstrand Park



Joint Computer/Control
Systems Society Chapter
Established 1995



Industry Applications
Society Chapter
Established 1992



Power
Electronics
Society
Chapter
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Inside This Issue

- April Section Meeting Notice 1
- RRVS Technical Seminar? 2
- Rockford/Chicago Consultants Network 2
- Two New Self Study Courses 2
- March Meeting Recap 2
- May Meeting Preview 2
- RRVS Website & Officer Contact Information 3
- Electronic IEEE Membership Application 4
- Calendar 4