

April 2003

Rock River Valley Section

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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

Joint IEEE/ASME Meeting

## History of the Diesel-Electric Locomotive

**When** April 22, 2003

**Where** Rock Valley College, Stenstrom Center, Room SCCE 319, 4151 Samuelson Road, Rockford, IL 61109 (Next to Jefferson High School)

### Agenda

6:00 PM Networking  
6:30 PM Dinner  
7:30 PM Presentation

**Program** Historic survey of Diesel-Electric Locomotive showing the main subsystems, and outlining the important people and organizations leading to the development of locomotive as it is presently configured.

**Speaker Mr. Joe Slezing** III has extensive experience and knowledge in electro-motor-drive (EMD). He has a BSEE from Northwestern University 1968. He was employed by Electro-Motive Division General Motors 1965-1988. He held positions in Service, Sales Engineering and Quality Control. He co-authored ASME paper on economics of several coal burning locomotives sponsored by the US Department of Energy.

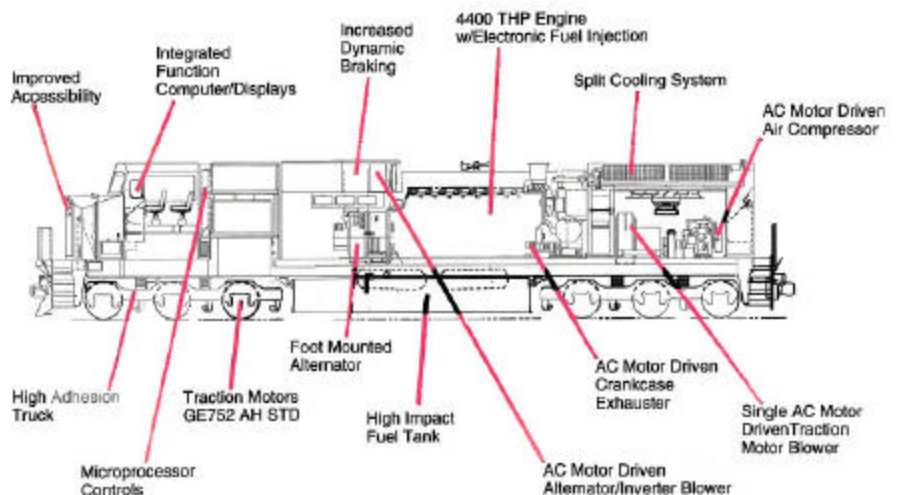
### Meal/Reservations

There will be a meat and vegetarian selection. Please reserve your space and/or dinner selection by **calling Ginger at 815-394-5696 or sending an email (ginger.spinasanta@hs.utc.**

**com) by Monday, Apr 21, at noon.** Please include your name, phone number, email address, IEEE member number and meat or vegetarian selection. The cost of the dinner is **\$5 for members, \$13 for non-members, and \$2 for students.**

### 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



**March Meetings Recap**

There were three meetings in March. NASA's Mgr of Future Propulsion Systems, Donald Palac, gave an excellent presentation on the evolution of the space program with incredible slides of space, vehicles to take us there, and a whole lot more.

The second meeting was a very informative tour of Rockford's Pacific Scientific, makers of motors and drives.

**The following recap was submitted by Mohammed Irfan**

The genesis of IEEE student branch at NIU lies not in any coincidence but in an urge to set excellence and perfection in the field of Electrical Engineering. To accomplish this goal the student branch promotes interactive sessions for student members involving activities varying from seminars, conferences, workshops and meetings. The IEEE NIU student branch organized a well attended social networking event for the benefit of the student members and faculty. The IEEE organization aims at networking technocrats thereby providing a forum for members to share knowledge and enhance their careers. By bringing delegates from big companies like Hamilton Sundstrand, Philips, Siemens Technologies, GE Medical Systems and UPS, the student branch was very successful in accomplishing this mission. The event began with a social mingling followed by the dinner. After dinner there were mind boggling impromptu speeches by professionals on current economic scenarios, future prospects and some useful tips for graduating engineers. Indeed, it was an enriching experience to note the career path of successful engineers and learn from them.

Chair



Jitendra Solanki

Vice Chair



Alkesh Patel

Treasurer



Larry Wachowiak

Secretary



Mark Eldredge

Computer/Control Systems Chair



Nolan Wanner

PELS Chair



Neal Clements

IAS Chair



Vietson Nguyen

**RRVS 2004 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 seven elected positions on the RRVS Executive Committee for 2004. The election will be held at the May 22 section meeting. This election is for the calendar year 2004.

- |                   |                         |
|-------------------|-------------------------|
| <b>Chair</b>      | <b>Jitendra Solanki</b> |
| <b>Vice Chair</b> | <b>Alkesh Patel</b>     |
| <b>Treasurer</b>  | <b>Larry Wachowiak</b>  |
| <b>Secretary</b>  | <b>Mark Eldredge</b>    |
| <b>Comp/CS</b>    | <b>Nolan Wanner</b>     |
| <b>PELS</b>       | <b>Neal Clements</b>    |
| <b>IAS</b>        | <b>Vietson Nguyen</b>   |

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 May 15. Please submit petitions to Bob Parro (see contact info on page 3)

**May Election/Picnic Preview**

Please join us at Hamilton Sundstrand Park for our annual RRVS Officer Elections and Picnic. The food will be free.

## 2003 IEEE RRVS Executive Committee



**Jitendra Solanki**  
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**Alkesh Patel**  
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**Prof. Don Zinger**  
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**Joe Etminan**  
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**Neal Clements**  
PELS Chapter  
Chair  
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815-226-6182

### Northern Illinois University Student Branch Officers



**David Roberts**  
Chair



**James Bailey**  
Vice Chair



**Mohammed Irfan**  
Secretary

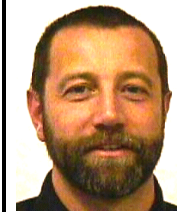


**Will Worth**  
Treasurer

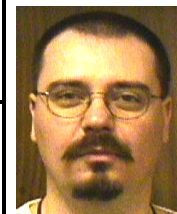
*Messages for student officers can be left at the NIU Dept of  
Electrical Engineering,  
(815) 753-9974 or e-mail at sb.niu@ieee.org*



**Paul Hofmann**  
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**Nolan Wanner**  
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**Adrian Vandergriff**  
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**The Rock River Valley Section gratefully acknowledges the following companies and university for supporting Section Officers:**

**Hamilton Sundstrand • Northern Illinois University • BP Technologies**



**Rock River Valley Section**  
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**Calendar**

- April Section Meeting** ..... **April 22**  
Joint IEEE/ASME meeting on the History of Diesel-Electric Locomotives
- May Section Elections/Picnic** ..... **May 22**  
Held at Hamilton Sundstrand Park in Belvidere



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**Time-Sensitive Material**

*Inside This Issue*

- April Section Meeting Notice ..... 1
- March RRVs Meeting Recap ..... 2
- May RRVs Meeting Preview ..... 2
- RRVs Website & Officer Contact Information ..... 3
- Calendar ..... 4