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March 2004

Rock River Valley Section

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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

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Joint ASME & IEEE RRVS Computer/Control Systems, IAS Chapters Meeting  
**Homeland Security and Science & Technology**

**When** TUESDAY March 30, 2004

**Where** Lino's Restaurant (815-397-2077) at 5611 E. State St., Rockford.

**Agenda**

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

**Program** The confluence of the September 11, 2001 terrorist attack and the U.S. Army's historic role to support civil authorities has resulted in substantial new challenges for the Army. To help meet these challenges, the Assistant Secretary of the Army for Research and Technology requested the National Research Council (NRC) carry out a series of studies on how science and technology could assist the Army prepare for its role in homeland security (HLS). The National Academies Board on Army Science and Technology formed the Committee on Army Science and Technology for Homeland Security to accomplish that assignment. The Committee was asked to review relevant literature and activities, determine areas of emphasis for Army S&T in support of counter terrorism and anti-terrorism, and recommend high-payoff technologies to help the Army fulfill its mission. Dr. Dutta has been one of the members of this Committee. The re-



sults of the first report will be discussed.

**Speaker Dr. Mitra Dutta** is professor and head of the department of electrical and computer engineering at the University of Illinois at Chicago. For fifteen years previously, she served in various capacities at the US Army Research Laboratory, including a Senior Executive Service position in the Army Research Office (ARO). In this position, Dr. Dutta provided oversight of the entire ARO extramural basic research program, as well as the leadership for the integration and transition of the ARO-executed Department of Defense, Department of the Army, and Army Mate-

riel Command research activities. Dr. Dutta's recent research focused on III-V and III-N semiconductors, including the design, demonstration, and characterization of novel optoelectronic and quantum electronic devices.

**Meal/Reservations**

Dinner attendees can choose from Baked Lasagna, Eggplant Parmigiana and Baked Cod. Please reserve your space and/or dinner selection by calling **Ginger at 815-394-5696** or sending an email ([ginger.spinasanta@hs.utc.com](mailto:ginger.spinasanta@hs.utc.com)) by **Friday, March 26, at noon**. Please include your name, phone number, email address, IEEE member number and entrée selection. The cost of the dinner is **\$5 for members, \$15 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 Ginger to enable us to make appropriate arrangements.



**2005 RRVS Section Officer Nominations**

In accordance with the RRVS bylaws, the Nominations Committee has submitted the names of the following individuals (pictured at right) as nominees for the seven elected positions on the RRVS Executive Committee for 2005. The election will be held at the May 27 section meeting. This election is for offices to be held from January 1 thru December 31, 2005.

- Chair** Jitendra Solanki
- Vice Chair** Alkesh Patel
- Treasurer** Larry Wachowiak
- Secretary** Nolan Wanner
- Comp/CS** Byron Mehl
- 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 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 for all members.

Chair



Jitendra Solanki

Vice Chair



Alkesh Patel

Treasurer



Larry Wachowiak

Secretary



Nolan Wanner

Computer/Control Systems Chair



Byron Mehl

PELS Chair



Neal Clements

IAS Chair



Vietson Nguyen

**February Meeting Recap**

Tom Overbye, professor of Electrical and Computer Engineering at the University of Illinois at Urbana-Champaign, gave an excellent presentation on a program to analyze and visualize the electric power system. During Fall 2003 he served on the DOE August 14th blackout investigation team.



**April Tour Preview**



Minarik ([www.minarikcorp.com/](http://www.minarikcorp.com/)) is a nationally recognized leader in the high-tech motion control and automation industry. The Manufacturing Division produces AC, DC and Brushless drives in the 2Hp and below industry market. They are in South Beloit.

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

# 2004 IEEE RRVS Executive Committee



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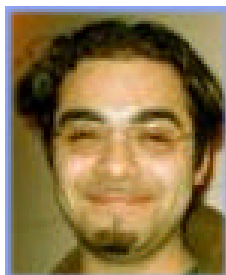
## Northern Illinois University Student Branch Officers



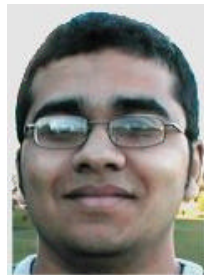
**Lucky Islam**  
Chair



**Anish Matthew**  
Vice Chair



**Anthony Padovano**  
Secretary

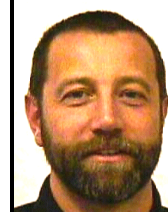


**Ashish Ekbote**  
Treasurer

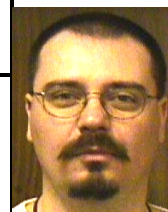
Messages for student officers can be left at the NIU Dept of Electrical Engineering,  
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The Rock River Valley Section gratefully acknowledges the following companies and university for supporting Section Officers:

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



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

**March Section Meeting .....TUESDAY.. March 30**

'Homeland Security and Science & Technology' at Lino's Restaurant in Rockford

**April Section Meeting ..... April 29**

Tour of Minarik, a leading manufacturer in the high-tech motion control and automation industry

**May Section Elections/Picnic Meeting ..... May 27**

Annual RRVS Section Elections and Picnic at Hamilton-Sundstrand Park



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**Time-Sensitive Material**

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