
February 2009

Rock River Valley Section

www.ieee.org/rrvs

Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

RRV Section and IAS Chapter Meeting

Making Fun: Your Future in Video Games

WHEN Thursday, February 19, 2009

WHERE

Rock Valley College, Woodward Technology Center, Room 142. I-90 to Riverside Blvd., exit and go west to Mulford Rd. Go south to 2nd light, turn east into RVC. Follow road to left to last building on right.

AGENDA

4:00 PM Game Trials Open to All
6:00 PM Networking
6:30 PM Dinner
7:30 PM Presentation

PROGRAM

Students will have a chance to play the game and talk to a video game designer during the 4-6:00 PM window! Come, see and play "Guitar Hero" on a 72 inch and a 64 inch TV (equipment provided by Best Buy). During the presentation, David will discuss his, and potentially your, career in video game design.

SPEAKER

David A. Rodriguez, Senior Designer at Vicarious Visions, an Activision/Blizzard Studio responsible for "Guitar Hero: On tour" and "Guitar Hero: World Tour". David is a 1993 graduate of Rockford College with a BFA in Musical Theater.



MEAL INFORMATION

Dinner will feature Grilled Chicken Breast and a vegetarian entree. The costs are: member: \$5, non-member: \$10, student members: \$2, student non-members: \$5.

Please make **dinner reservations** by calling **Ginger** at **815-394-5696** or sending her an email (ginger.spinasanta@hs.utc.com) by **Tuesday, February 17, at 5pm**. Please include the following: your name, phone number, email address, IEEE member number, and choice of entree. Unemployed members may call the treasurer for special arrangements.

NOTE

The meeting is open to the general public. You need not be an IEEE member to attend. Guests are welcome. Please call Ginger at 815-394-5696 for questions.

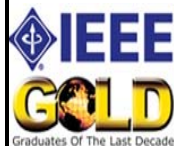
January RRVS Meeting Recap — Design for Reliability of Energy Processing

Dr. Alejandro Dominguez-Garcia, an assistant professor at the University of Illinois – Urbana-Champaign, presented a talk on research about the problem that failure mode analysis is always done under nominal conditions due to the large scope of the analysis that is required. Variation of load or power supply voltage can have an effect on the severity and even the nature of the response to a particular failure mode. It is therefore possible to conclude that the performance of a power converter, for example, may be acceptable with a particular failure even though the converter may not operate properly with worst case input voltage or under lightly loaded conditions. The research developed less computationally intensive methods of failure mode simulation than the obvious method of attempting to simulate the system under every possible combination of input voltage and output load.

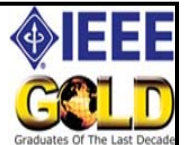


March RRV Section Meeting Preview — Engineering Aspects of Electromagnetic Shielding

Sergiu Radu, Principal Engineer at Sun Microsystems, leads the EMC Design group in Menlo Park, California. He will introduce basic shielding concepts, insisting on their practical limitations, and present the typical engineering problems associated with shielding. Among the aspects discussed will be the materials used for shielding, chassis resonances, shielding integrity problems (seams, joints, apertures, perf patterns), aperture coupling and shield's grounding.



IEEE GOLD NETWORKING SOCIAL



9 Pin – No Tap

Location: Forest Hills Lanes
 Address: 7742 Forest Hills Rd Loves Park, IL 61111
 Date: Friday, March 20
 Time: 5:30PM
 Contact: Terry Johnson IEEE GOLD Chair
 Phone: 815-394-2447
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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

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RRVS Calendar

February RRVS Section Meeting	NATIONAL ENGINEERS WEEK	February 19
Making Fun: Your Future in Video Games, Rock Valley College, Rockford, IL		
March RRVS GOLD Meeting	(see page 2)	March 20
Bowling at Forest Hills Lanes, Loves Park, IL		
March RRVS Section Meeting		March 26
Engineering Aspects of Electromagnetic Shielding, Rock Valley College, Rockford, IL		
April RRVS Section Tour/Meeting		April 30
Ingenium Testing, Rockford, IL		
May RRVS Section Picnic/2009 Officer Elections		May 28
Hamilton Sundstrand Park, Belvidere, IL		


Rock River Valley Section Chapters




Industry Applications Society Chapter
Established 1992



Joint Computer/Control Systems Society Chapter
Established 1995



Power Electronics Society Chapter
Established 1996



Electromagnetic Compatibility Society Chapter
Established 2007

Time-Sensitive Material

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