

November 2008

Rock River Valley Section

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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

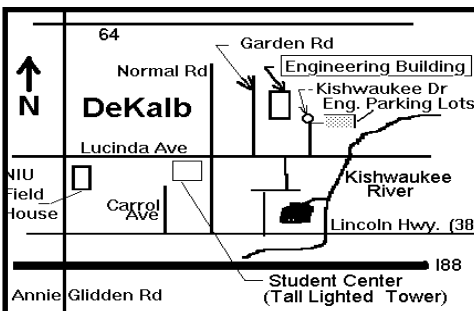
RRV Section and IAS Chapter Meeting

Do you know where I am now? Good!(?)

WHEN Thursday, November 20, 2008

WHERE

Northern Illinois University, DeKalb, IL; Engineering Building, Auditorium room 354. Please call Don Zinger at 753-0540 if you



need directions from outside DeKalb. From Annie Glidden and Lucinda, take Lucinda east to Kishwaukee Dr. (0.5 mi). Turn left (north) on Kishwaukee Dr. to parking lot at end of street (0.25 mi). The engineering building is across Kishwaukee Dr. to the north-west (large steel and glass building). Parking passes are required and will be handed out at the registration table in the Engineering building when you arrive.

AGENDA

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

PROGRAM

Location Based Services have been one of the killer application

(since 1998?!) for mobile networks. Only within the last year or so do we see major mobile



operators offering "Friend Finder" or "Turn-by-turn Navigation" services. Electrical Engineers have had to work a large number of engineering, economic and regulatory challenges to make the original LBS service concepts commercially practical.

This talk gives a technical look at these challenges and discusses how new 4G technologies will enhance location services. Service examples covered: E911, turn-by-turn directions, friend finder, geo-fencing, advertising insertion, and links to social networking services.

SPEAKER

Mr. Jack Kozik, CTO, Director of Architecture, Americas, for Alcatel-Lucent's Applications Business Group. Jack has over 20 years of experience in the telecommunications industry. His or-

ganization is responsible for designing application for telecom carrier's fixed, mobile and broadband networks. Example applications: IP Communications, Messaging, Content Management, Video, Payment, Location, and other Service Delivery technologies.

Jack has three patents in the area of Internet Telephony and mobile fraud detection. He has a MSEE from Purdue University and is a Senior Member of the IEEE.

MEAL INFORMATION

Dinner will feature Chinese buffet from Yen Ching in DeKalb. Grilled. The costs are: member: \$5, non-member: \$10, student members: \$2, student non-members: \$5. Please make **dinner reservations by calling Tricia at 815-753-9974 or sending her an email (fisher@ceet.niu.edu) by Wednesday, November 19, at noon.** 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 Tricia at 815-753-9974 for questions.

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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

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

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Rock River Valley Section
Established 1947

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RRVS Calendar

- November RRVS Joint Section-Student Branch Meeting November 20**
Do you know where I am now? Good!(?), Northern Illinois University, DeKalb, IL
- January RRVS Section Meeting January 29**
Design for Reliability of Energy Processing Systems, Rock Valley College, Rockford, IL
- February RRVS Section MeetingENGINEERS WEEK..... February 19**
TBD, Rock Valley College, Rockford, 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

Inside This Issue

- November RRVS Section Meeting Notice 1
- 2008 RRVS Officer Contact Information 2
- RRVS Calendar 3