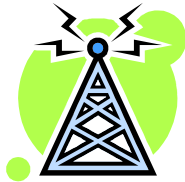




IEEE Section & Communications Society Meeting Present

“Failure and Replacement of the KETV Radio Tower”



**Speaker: Warren Behrens
Chief Engineer for KETV**

Date: Thursday, April 27th, 2006

Social Hour: 5:00 P.M.

Dinner: 5:30 P.M.

Presentation: 6:30 P.M.

Location: Johnny's Cafe

OVERVIEW: Warren Behrens will present a factual description, with photographic documentation, of the all pertinent aspects of the events leading up to the failure of the 1,365-foot KETV tower. Warren will also discuss the results of the investigation that followed the failure, the implemented business continuation broadcast provisions taken to keep KETV on the air, and the long-term plan and implementation of the new tower with a new building. The presentation comes alive as Warren describes his dealings with insurance representatives and KETV administration. This is an outstanding presentation.

A certificate for 1.5 Professional Development hours will be provided to requesting members.

SPEAKER: Warren Behrens, Chief Engineer for KETV, graduated from Gateway College in 1979 with a degree in Electronics Engineering Technology. Warren began working at KETV in 1975 as a part-time technician.

Warren is now KETV's Chief Engineer and oversaw the attempted KETV upgrade to HDTV which preceded the failure of the tower. In the aftermath of the failure, Warren oversaw the complete tower design and tower replacement including necessary building modifications.

DINNER: Members and their guests can select one of the following entrees at a cost of \$20:

- Top Sirloin (10 oz.)
- Husker Pork Chop
- Orange Roughy

Dinner entrees Includes baked potato, salad, rolls, coffee, and tea.

IEEE Student meals are available at \$10.

RESERVATIONS: No later than 4 p.m., Tuesday, April 25th. Members with Internet access can make their reservation on-line at www.ieeene.org/2006-04-27.html.

Members can also contact one of individuals below for reservations. When making a reservation, give your name and your meal selection.

COLUMBUS: Connie Kramer (402) 563-5324
cmkrame@nppd.com

LINCOLN: Nancy Hegener (402) 467-7646
nhegener@les.com

OMAHA: Sharon Dickman (402) 552-5429
sdickman@oppd.com

GETTING SECTION INFORMATION

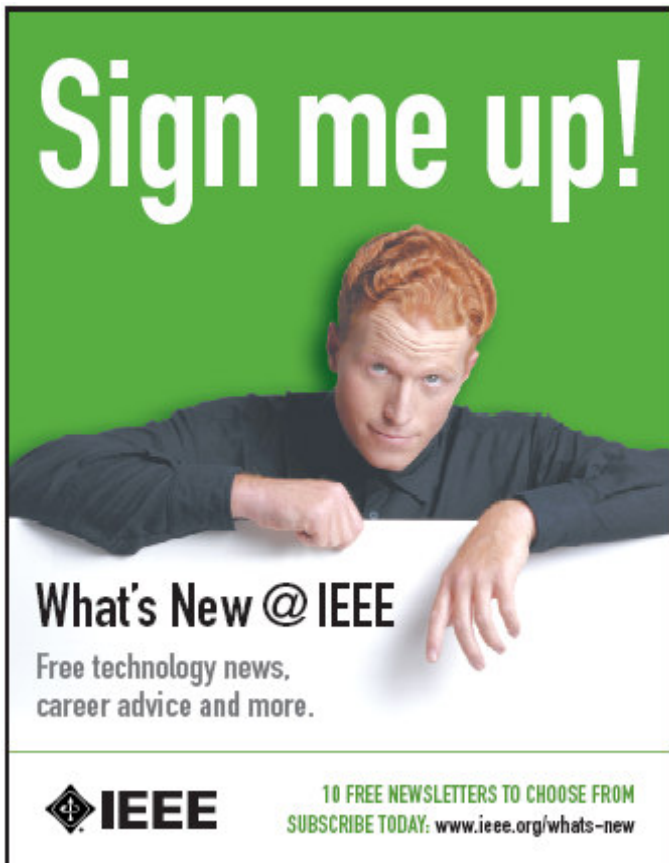
The section has several ways to communicate what is going now with the section. We use a variety of tools to get you the information that is important to you. These tools include our newsletter, our section's website: www.ieeene.org, meeting announcements by directed email, and our Section's IEEE phone Hotlines.

Our Hotlines serve all of our members. Just call 888-752-IEEE (4333) or in Omaha 552-IEEE (4333) for information on upcoming meetings.

Take this time to write down or record this information where you can find it the next time you need information about Section activities.

Message from the Nebraska Section Chairman, Gordon Heins

2006 has been a great year so far for the Nebraska Section of the IEEE, with more to come! We've had a variety of outstanding presentations and tours, including: Stories from the Nebraska Board of Engineers and Architects by its new Executive Director, Melinda Pearson; a tour of the Nebraska Educational Television Station in Lincoln; New Trends in Urban Planning at the E-Week Roundtable Banquet; a tour of UNO TV in Omaha with a presentation on High Definition TV; an IEEE Section & Communications Society presentation on "The State of the State" in Telecom, Legislation, Developments and Regulation; and a tour of Pedersen Power Products in Omaha. In April, we judge the senior EE student projects; UNL Student Chapter sponsors an E-Week Banquet; and on the 27th I hope to see you at the IEEE Section & Communications Society presentation about the "Failure and Replacement of the KETV Radio Tower". I would like to thank Pierce Carpenter for setting up meetings, tours and speakers, as well as putting meeting announcements on our Section's Phone Hotline & e-mailing them out. Thanks to Dan DeLuna for his assistance with writing the newsletter, Todd Stahlnecker for updating the Section's website, and David Heins for being Treasurer last year and filing the 2005 year end reports this year, and the other members of the board for their support and assistance.



Sign me up!

What's New @ IEEE

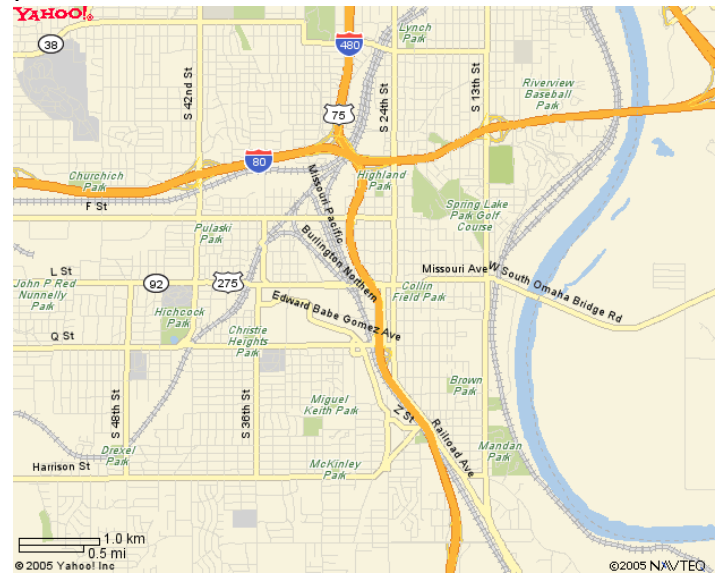
Free technology news,
career advice and more.

IEEE

10 FREE NEWSLETTERS TO CHOOSE FROM
SUBSCRIBE TODAY: www.ieee.org/whats-new

Communications Society Meeting

Directions: Johnny's Café is located in Omaha on 4702 South 27th Street. Johnny's is located just south of L Street as you exit off of US-75



IEEE-USA Launches Pre-college Teacher Grant Program

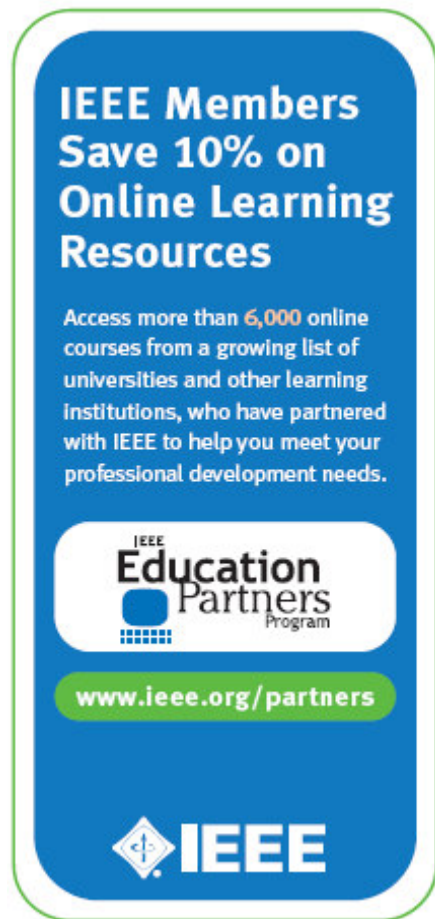
In January 2006, IEEE-USA's Pre-college Education Committee (PEC) is unveiling its new Pre-college Teacher Grant Program. These grants offer small amounts of funding (up to a maximum of \$1,500) to teachers and engineers who partner to introduce engineering to students. The teacher must work with an IEEE member to develop or implement a project or program. For more details, visit: <http://www.ieeeusa.org/volunteers/committees/pec/teacher-grants.html>

Upcoming Section Events

May 18– Computer Society
June – No Events Scheduled
July – No Events Scheduled
August 17– Power Society
September 21 – Communications Society
October 19 – Computer Society
November 16– Communications Society
December 7 – NSPE hosting the Join IEEE/NSPE Breakfast Meeting

Recruit a New IEEE Member Earn Rewards

What's better than helping your colleagues enjoy the same IEEE membership benefits you are already experiencing? How about getting paid for it? Beginning 1 September 2005 and running through the 2006 IEEE dues year which ends on 15 August 2006, the IEEE will conduct the MGM Program to encourage members to recruit their colleagues to join IEEE. In return for their efforts, the recruiter will earn a US\$5.00 credit voucher for each member recruited which can be used toward 2007 IEEE dues, IEEE Society fees or the purchase of IEEE products and services. For program rules and recruiting tips, visit: <http://www.ieee.org/mgm>



**IEEE Members
Save 10% on
Online Learning
Resources**

Access more than **6,000** online courses from a growing list of universities and other learning institutions, who have partnered with IEEE to help you meet your professional development needs.

**IEEE
Education
Partners
Program**

www.ieee.org/partners

IEEE

Ready to Learn With Online Tutorials

The problem: you have to get up to speed quickly on, say, the python programming language. The solution: start with the new ReadyNotes online tutorials from the IEEE Computer Society. Seven tutorials are out so far, and the one-stop guides provide practical nuts-and-bolts instruction across a range of topics geared to software developers, IT professionals, computing instructors, and students. Read more at <http://boldfish.ieee.org:80/u/2598/06408892>.

2006 Electrical Transmission Conference Structural Reliability in a Changing World

Where: Birmingham, Alabama

When: October 15- 19, 2006

Description: The 2006 Electrical Transmission Conference will provide a forum for transmission and substation engineers to exchange ideas and philosophies, while providing new engineers with the opportunity to learn more about the art and science of transmission line engineering.

The Conference will be held over 3 days with a single track of sessions so that you will not miss a single presentation! Each session—a total of 9 sessions in all—will consist of 3 to 4 presentations with sufficient time scheduled for questions and discussion. The receptions and breaks will provide you a great opportunity to network with your colleagues and visit with the exhibitors.

Specific Workshops:

- Reliability-Based Design of Utility Pole Structures
- Guidelines for Electrical Transmission Line Structural Loading
- Substation Structure Design Guide

Programs:

- Session I - The Loading of Structures
- Session II - Structure Analysis
- Session III - Design of Structures I
- Session IV - Design of Structures II
- Session V – Foundations
- Session VI - Asset Management I
- Session VII - Asset Management II
- Session VIII - Case Studies I
- Session IX - Case Studies II

Tours: Valmont Newmark and Thomas & Betts

Conference Webpage:

<http://www.asce.org/conferences/sei06/>

Registration pre-page:

<http://www.asce.org/conferences/sei06/reg.cfm>

Price: A la carte up to \$495 plus a few other events. See the site for details

EIT 2006

May 7 – 10, Michigan State University
East Lansing, MI

Give your career a boost by attending one or more of the following workshops that will be offered at EIT2006:

- Project Management
- Leadership Skills
- The Protection and Technology Transfer Management of Electro/Information Intellectual Properties
- Enabling Technologies of Hybrid Electric Vehicles

For more information, please visit <http://www.eit2006.org/workshops>.

Workshops registration deadline is April 21. If you are interested in attending please email Dr. Peixin Zhong at pzhong@msu.edu.



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
Nebraska Section - www.ieeene.org
Dan DeLuna, Newsletter Editor
DKN Computer Solutions, LLC
PO Box 368
Springfield, Nebraska, 68059

BULK RATE
PRE-SORT U.S.
POSTAGE
PAID
OMAHA, NE
PERMIT No. 446

THE NEBRASKA SECTION IEEE NEWSLETTER

NEBRASKA SECTION OFFICERS

CHAIRPERSON

Gordon Heins
Nebraska Public Power District
Box 499
Columbus, NE 68602-0499
(402) 563-5152
glheins@nppd.com

VICE-CHAIRPERSON

David Heins
Omaha Public Power District
444 S. 16th Street Mall
Omaha, NE 68102-2247
(402) 636-3419
dheins@oppd.com

SECRETARY/TREASURER

Mike Hasenkamp
Nebraska Public Power District
PO Box 499
Columbus, NE 68602-0499
(402) 563-5371
mahasen@nppd.com

COMMITTEE CHAIRPERSONS

AWARDS AND NOMINATIONS CHAIRMAN
CURATOR OF THE IEEE SECTION DATA BASE
EDUCATIONAL DEVELOPMENT CHAIRMAN
ENGINEERS ROUND-TABLE REPRESENTATIVE
GOLD CHAIRMAN
MEMBERSHIP & DEVELOPMENT CHAIRMAN
NEWSLETTER EDITOR
PROFESSIONAL ACTIVITIES CHAIRMAN
STUDENT ACTIVITIES CHAIRMAN

HAMID SHARIF (402) 554-3628
NATHAN MAYO (402) 553-7381
DIANA COLEMAN (402) 514-1606
JERRY DIJAK (402) 636-6505
TODD STAHLNECKER (402) 384-8900
DAN DELUNA (402) 670-2006
JASON SMITH (402) 467-7569
HESHAM ALI (402) 554-3623

HSHARIF@MAIL.UNOMAHA.EDU
NGMAYO@OPPD.COM
DDCOLEMAN@OPPD.COM
JDIJAK@FNFI.COM
TSTAHLNECKER@IEEE.ORG
DAN.DELUNA@IEEE.ORG
JSMITH@IEEE.ORG
HALI@MAIL.UNOMAHA.EDU

COMMUNICATIONS SOCIETY

CHAIRMAN
VICE CHAIRMAN

PIERCE CARPENTER (402) 552-5426
JERRY DIJAK (402) 636-6505

PCARPENTER@OPPD.COM
JDIJAK@FNFI.COM

COMPUTER SOCIETY

CHAIRMAN
VICE CHAIRMAN

HESHAM ALI (402) 554-3623
DAN DELUNA (402) 670-2006

HALI@MAIL.UNOMAHA.EDU
DAN.DELUNA@IEEE.ORG

POWER ENGINEERING SOCIETY

CHAIRMAN
VICE CHAIRMAN

ALAN KASPAR (402) 514-1601
CHARLES MANTERNACH (402) 552-4923

AKASPAR@OPPD.COM
CJMANTERNACH@OPPD.COM

STUDENT CHARTERS

UNL CHAIR
UNL VICE CHAIR
UNO PRESIDENT
UNO VICE PRESIDENT

BRANDON LEVANDER (402) 472-2577
LESLIE GUTSCHOW (402) 472-2577
ERIC KWETE (402) 554-2288
HAIME DIAS (402) 554-2288

IEEE@ENGRS.UNL.EDU
IEEE@ENGRS.UNL.EDU