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TIME SENSITIVE MATERIAL

In This Issue:

- Job Seekers Workshop
- Power Engineering Society Luncheon
"Effects of Customer's Power Quality
Awareness on Utility Power Metering
Practices"
- IAS/IES After Work Social
- Computer Society Tour
IIT's National Diagnostic Wind Tunnel
- Washington Awards Dinner
- Power Electronics Society
Joint with/IAS/IES Society
"Circuit Breakers"
- Fox Valley Subsection Joint with
Engineering in Medicine and Biology
"Information Technology in Health Care"
- DuPage Engineer's Week at
IIT Rice Campus

CHICAGO SECTION

1995 RECOGNITION DINNER

Saturday, April 29, 1995

Dinner, Entertainment, Dancing...

You and your guests are cordially invited
to the annual Chicago Section Recognition Dinner.

PROGRAM AND TIME

6:00 PM Social Hour

7:00 PM Dinner

8:00 PM Presentation of Awards

Section Chairman's Awards

IEEE Region 4 Outstanding Engineer

Long-Time Recognition Dinner Supporters

IEEE Student Chapter Members and Advisors

9:00 PM Stu Olson "The Comedian at Large"

9:30 PM Dancing to the music of Frank "K" and Company

PLACE

Starlight Inn

9950 Lawrence Avenue

Schiller Park, IL

TICKETS

Your tickets are still only \$30 per person. Parties of ten per table can be arranged. Please mail your check (made out to IEEE Recognition Dinner) to:

Joe Feitler, P.O. Box 5072, River Forest, IL 60305.

Please include special dinner requests with your reservation.

FOR MORE INFORMATION

Please contact the Chicago Section Business Office for travel directions and other information about this event.

Make Your Reservation Today!
Call the Chicago Section Business Office
at
(800) 898-IEEE

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Include your SCANFAX mailing label if possible or phone direct to 800/678-4333. We cannot forward this information for you, so please do not send it to the local office.

POWER ENGINEERING SOCIETY

HOSTS A LUNCHEON PROGRAM

EFFECTS OF CUSTOMER'S POWER QUALITY AWARENESS ON UTILITY POWER METERING PRACTICES

Presented by Gary F. Moody of Square D Company

Wednesday, February 8, 1995

ABOUT OUR TOPIC

Power users can now accurately monitor their electrical distribution system with a high degree of precision. Customers are now able to evaluate such things as power quality, power effectiveness, outages, and brownouts. By gathering data, they can now take intelligent corrective action! New equipment has made such users knowledgeable about their options.

ABOUT OUR SPEAKER

Gary Moody is a POWERLogic Staff Market Development Specialist in the Power Monitoring and Control System Division of Groupe Schneider. He is responsible for the marketing and application of the Square D Power Monitoring System for the Midwest Region. Gary is an Electrical Engineering graduate of Michigan Technological University. He also received an MBA from Wayne University. Gary is an IEEE member and belongs to the Industrial Applications Society.

PLACE

Chicago Bar Association
321 S. Plymouth Court
Chicago, IL
(Near Jackson and Dearborn)

TIME

Social 11:30 AM
Lunch 12:00 PM
Presentation 12:30 PM

NOTES

Please make your reservation no later than noon, Monday, February 6. Lunch tickets can be purchased in the lobby (\$7.50).

INDUSTRY APPLICATIONS SOCIETY and INDUSTRIAL ELECTRONICS SOCIETY

HOST AN INFORMAL SOCIAL GATHERING

FOOD, DRINKS, AND CONVERSATION

Organized by IAS/IES Chapter Officers

Thursday, February 16, 1995

ABOUT OUR GATHERING

Stop by and meet new and old friends at an informal gathering at Jamesons Tavern and Grill in Chicago. The Industrial Applications Society will be hosting the party and will be available to answer any questions about the IEEE and the IAS. Appetizers and non-alcoholic beverages will be provided free. There will be a cash bar.

PLACE

Jamesons Tavern and Grill
118 S. Clinton (Near Adams)
Chicago, IL (312) 876-0016

TIME

Social 4:30 PM
to
7:30 PM

NOTES

The Social is open to all interested persons. No reservations are required and you may come and go at your convenience.

FOR MORE INFORMATION

Contact Patrick Murphy at (312) 664-7200 on extension 4440.

**Chicago Section Executive Committee Meeting
Tuesday, February 14th • 7:15 PM
DeVry • 1221 N. Swift Rd • Addison, IL**

**Make Your Reservation Today!
Call the Chicago Section Business Office
at (800) 898-IEEE**

COMPUTER SOCIETY

HOSTS A TOUR

NATIONAL DIAGNOSTIC WIND TUNNEL AT THE ILLINOIS INSTITUTE OF TECHNOLOGY

Presented by Professor Thomas C. Corke of IIT

Tuesday, February 21, 1995

ABOUT OUR TOUR

Enjoy an interesting tour of IIT's new National Diagnostic Wind Tunnel. It was designed to fill the capability gap between university-based and the typical government or commercial facilities. This wind tunnel was completed in June 1994; its construction was funded over a ten-year period by grants from the Department of Defense and was monitored by the Air Force Office of Scientific Research.

ABOUT OUR TOUR HOST

Professor Thomas Corke is on the staff of Fluid Dynamics Research Center in IIT's Mechanical and Aerospace Engineering Department. His degrees are in Mechanical and Aerospace Engineering. Dr. Corke's research interests include fluid mechanics, particularly in the areas of hydrodynamic stability, transition of laminar flow to turbulent flow, turbulence, unsteady flows, as well as the application of new approaches for the design of wind tunnels.

PLACE

IIT - Chicago
Engineering Building 1 (E1), Room 269
State St. (2nd Building South of 31st St. Intersection)

TIME

Tour Begins 7:00 PM

NOTES

Please call the IEEE Business Office to register (by February 15th) and for travel directions.

FOR MORE INFORMATION

Contact Joe Feitler at (708) 383-8773.

WASHINGTON AWARDS DINNER

DR. GEORGE W. HOUSNER TO RECEIVE THE WASHINGTON AWARD

Wednesday, February 22, 1995

ABOUT OUR EVENT

Dr. George W. Housner, C. F. Braun Professor of Engineering, Emeritus, California Institute of Technology, has been elected to receive the 1995 "Washington Award", one of engineering's prized national awards. Dr. Housner's academic career, along with his consulting, speaking, publications and honors attest to his qualifications as one of the top earthquake consultants both here and abroad. The award will be presented to Dr. Housner at this dinner banquet.

The IEEE is a sponsoring society of this annual event. The Chicago Section in showing support of this prestigious award is arranging tables for our members so we can be seated together.

PLACE

Union League Club
65 W. Jackson Blvd.
Chicago, IL

TIME

Social 5:30 PM
Dinner 7:00 PM

NOTES

Tickets are \$55.00 per person. For reservations, please call Dennis Lamont at (708) 398-4510.

POWER ELECTRONICS SOCIETY INDUSTRY APPLICATIONS SOCIETY and INDUSTRIAL ELECTRONICS SOCIETY

HOST A EVENING PROGRAM

CIRCUIT BREAKERS

Presented by

Steve Wilmes and Gary Holzinger of Square D Company

Wednesday, February 22, 1995

ABOUT OUR TOPIC

A review of the fundamentals of circuit breakers and their applications will be presented. The talk will cover the basic protective functions of circuit breakers, thermal and magnetic trip mechanisms, and ground fault detection. Also, electronically controlled circuit breakers will be discussed.

ABOUT OUR SPEAKERS

Steve Wilmes has been employed by Square D Company for fourteen years; holding various marketing positions. Presently, he is responsible for calling on Chicago area electrical consulting engineers who design facilities of all types using electrical distribution systems. Gary Holzinger is Circuit Breaker Marketing Manager for Square D in Cedar Rapids, Iowa. Gary has been with Square D twenty-seven years and has held management positions in applications engineering and product management.

PLACE

Motorola Schaumburg Campus
Building 1301, Door Location 13
1301 Algonquin Road, Gate A
Schaumburg, IL

TIME

Social 6:00 PM
Coffee and donuts served.
Presentation 7:00 PM

NOTES

Please make your reservation by Feb. 20th

FOR MORE INFORMATION

Contact George Studtmann at (708) 392-7189.

ILLINOIS INSTITUTE OF TECHNOLOGY IIT

ANNOUNCES A SPECIALIZED COMPUTER SCIENCE MASTERS DEGREE IN SOFTWARE ENGINEERING

A new program has been initiated with both semester length and short courses, to address the needs of the working professional. The program is based on the Software Engineering Institute model, with course projects and laboratories that offer hands-on experience in all life cycle phases. A sampling of life cycle coverage is shown below.

Life Cycle Phase Analysis/Design

Coding

Test

Maintenance

Measurement

Project Management

Tools

Course Title

Software Systems Architecture,
Object-Oriented Modeling and Design
Advanced Software Eng. Development,
Object Oriented Programming
Software Testing and Quality Assurance
Software Maintenance
Software Metrics
Programming Project Management
CASE Tools

Students can take courses on the Main Campus in Chicago, the Rice Campus in Wheaton, and through our distance learning facility, IITV. For more information call: Ilene Burnstein, 312-567-5155 or Bogdan Korel, 312-567-5145.

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(312) 929-7837
DUPAGE CAMPUS
CONTACT: John Petrik
Dean of Graduate Placement & Student Affairs
1221 N. Swift Road • Addison, IL 60101
(708) 953-1300

**FOX VALLEY SUBSECTION and
ENGINEERING IN MEDICINE AND BIOLOGY**

HOST A DINNER PROGRAM

INFORMATION TECHNOLOGY IN HEALTH CARE

Presented by Joseph Dmello of AT&T Corporation

Wednesday, February 22, 1995

ABOUT OUR TOPIC

Do you want to find out how the Information Systems Technology can address some of the critical health care issues and can potentially reduce health care costs? Joe Dmello will start us with an overview of the current health care scene and then examine the trends and forces that are shaping the evolution of the health care market. The role that technology plays in this market and how the role changes as the market evolves will be discussed. The focus will then shift to specific enabling technologies such as Telecommunications, Imaging, Database, Software, and Voice & Speech Recognition. Joe will show how these technologies, individually as well as working in unison, can help the health care community attain its goals. His speech will conclude with an overview of some of the outstanding success stories of information technology in health care in this country as well as abroad.

ABOUT OUR SPEAKER

Joe Dmello has been a district manager in AT&T in the New Business Development organization since November 1994. Prior to that he was a Distinguished Member of Technical Staff in AT&T Network Systems. He holds a M.S. and a Ph.D. degree (Mathematics, CS minor) from Ohio State University, Columbus. His work focuses on the application of key software and database technologies in new and emerging markets.

PLACE

**Jerry Sharko's
2225 Ogden Ave.
Lisle, IL**

TIME

**Social 6:00 PM
Dinner 7:00 PM
Presentation 8:00 PM**

NOTES

Your dinner will cost \$15.00 and will feature Soup, Dinner Rolls, Chicken Coq Au Vin Entree, Coffee, and Dessert. During the Social from 6:30 to 7:00 PM, you can enjoy complimentary bar beverages. Dietary and vegetarian meals can be requested when you make your reservation.

FOR MORE INFORMATION

Contact Manish Shah at (708) 979-2334.

VICE- CHAIRS CORNER

Dear Member,

We are considering a limited access mail system that would get data for us and provide opportunities for our members. We would like you to tell us if you have e-mail access and what information you would use.

Please answer the questions below by a yes or no response, where 0 = no and 1 = yes. An item skipped is a no, = 0.

You can write your response on a postcard and send it to us at the Section Office Address, or call 800 898 4333 and speak the number into the recorder or give it to our message taker as you would a meeting registration.

If you want to write out comments, please address them to the Section Office.

Please identify yourself only with the zip code of your Scanfax mailing label.

DUPAGE ENGINEERS WEEK PROGRAM

IN CONJUNCTION WITH NATIONAL ENGINEERS WEEK

Hosted by the Illinois Institute of Technology

Saturday, February 25, 1995

ABOUT OUR EVENT

People of all ages can participate in hands-on demonstrations, contests, interactive displays, and exciting presentations. Their guides will be top engineers and scientists representing many of the Chicago area's leading academic and industrial institutions. Topics include: Alternative Fuels, Cryogenics, Waste Disposal Processes, Computer-Integrated Manufacturing, Natural Gas Vehicles, Cycles of Learning, and Battery Technology.

PLACE

**IIT Rice Campus
201 E. Loop Road
Wheaton, IL**

TIME

**Starts 12:00 PM
Ends 4:00 PM**

NOTES

This event is open to all and is free. For more information and to register, please call (708) 682-6008.

EMAIL

- ☐ I have a computer and a modem, but not e-mail capability.
- ☐ I have a computer and modem but I don't know how to use it.
- ☐ I have Internet access.
- ☐ I use a bulletin board, or a service such as aol, compuserve.
- ☐ I would use e-mail if there was a place convenient to use it.

What do you think gave you the best chance for your first job?

- ☐ GPA
- ☐ skills inventory
- ☐ school
- ☐ market,- where you applied
- ☐ my family connections.

What Technical Resources do you want now?

- ☐ More technical meetings as presently configured.
- ☐ Tech bits in Scanfax- technical info on specific topics.
- ☐ Notices of regional conferences close enough to drive to.
- ☐ IEEE society meetings for which chapters are inadequate.
- ☐ Meeting notices of associated (non IEEE) technical societies.

Employment, efficient use of skills and time

- ☐ I am presently salaried and working full time.
- ☐ I am presently unemployed and working part time or under contract.
- ☐ I am a consultant, seeking consultant referrals.
- ☐ If offered a full time salaried job, I would accept it or change to it.
- ☐ I am an employer and would like to reach employable members.

Education, we should provide:

- ☐ Inexpensive short courses for upgrading technical skills.
- ☐ Opportunities for members to pool resources to teach each other.
- ☐ Quality management training as new and required skills.
- ☐ Business skills for new venture interests.
- ☐ an on-line reference library for use of IEEE standards and academic videos.

Best Regards,

Jack Sherman — IEEE Chicago Section Vice Chair

TECHNICAL CAREER FAIR

Monday, February 6 • 3pm - 8pm

Embassy Suites Hotel
1445 Lake Cook Road
Deerfield, IL

Tuesday, February 7 • 3pm - 8pm

Embassy Suites Hotel
707 Butterfield Road
Lombard, IL

**NO COST • NO OBLIGATION
NO PRE-REGISTRATION • PRIVATE INTERVIEWS**

Talk to hiring managers from some of the Chicago
area's top companies.

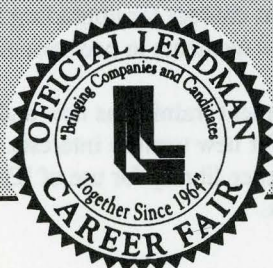
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For more information,
call the 24-Hour Infoline:
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CHICAGO SECTION

JOB SEEKERS WORKSHOP

February 7, 1995

ABOUT OUR WORKSHOP

Chicago Section will present a workshop on how to prepare yourself to obtain a new job position. This workshop will help you become more effective and more efficient in your job search. Topics that will be covered are:

- Resume Preparation
- Interview Techniques
- Networking Strategies
- Effective Cover Letters

PLACE

Embassy Suites Hotel
707 Butterfield Road
Lombard, IL

FOR MORE INFORMATION

Contact John Waters
(PACE Chair) at
(708) 392-2733

CHAIR'S CORNER

Dear Member,

Many of you might ask, how does one become a senior member of IEEE. Well here is an explanation and believe me it is not as tough as it might appear. In fact the form is very easy to fill out. If you have 10 or more years of experience, give it a shot!

Senior Member is the highest IEEE membership grade that may be obtained by application and requires experience reflecting professional maturity. A candidate should be an engineer, scientist, educator, technical executive, or originator in IEEE designated fields, and should have been in active professional practice for at least 10 years, showing significant performance over a period of at least 5 of those years, such performance including one or more of the following:

- Substantial engineering, responsibility, or achievement
- Publication of engineering or scientific papers, books, or inventions
- Technical direction or management of important scientific or engineering work with evidence of accomplishment
- Recognized contributions to the welfare of the scientific or engineering profession
- Development of furtherance of important scientific or engineering courses in a "recognized education program"
- Significant contributions in areas such as technical editing, patent prosecution, or patent law, provided these contributions serve to advance progress substantially in IEEE designated fields.

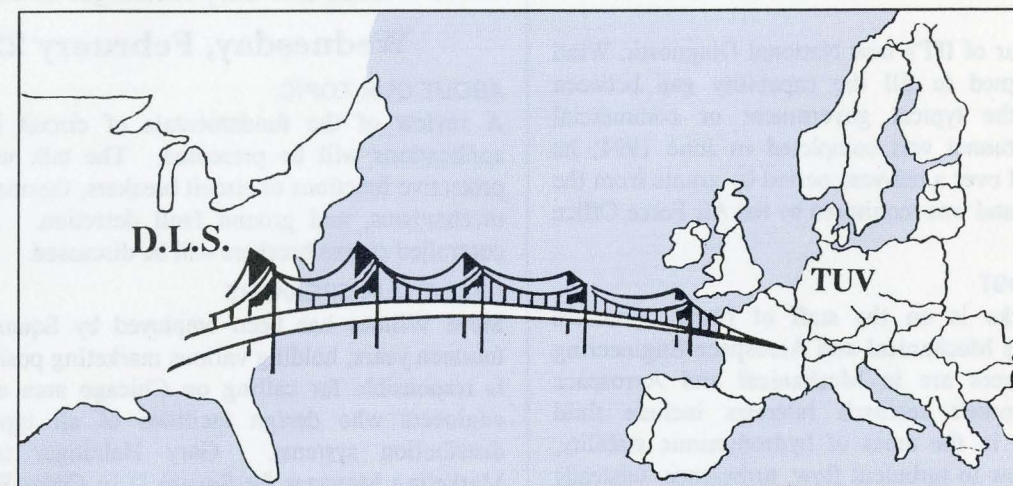
For more information, contact IEEE Membership/Individual-Services, (800) 678-IEEE or Fax (908) 981-0225, or E-mail member.services@ieee.org.

Ed Capouch---Chicago Section IEEE Chair

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One man forensic engineering company expanding EE capabilities. Need aggressive, hard nosed, power distribution EE. Prefer PE. Lucrative. Investment required.
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