

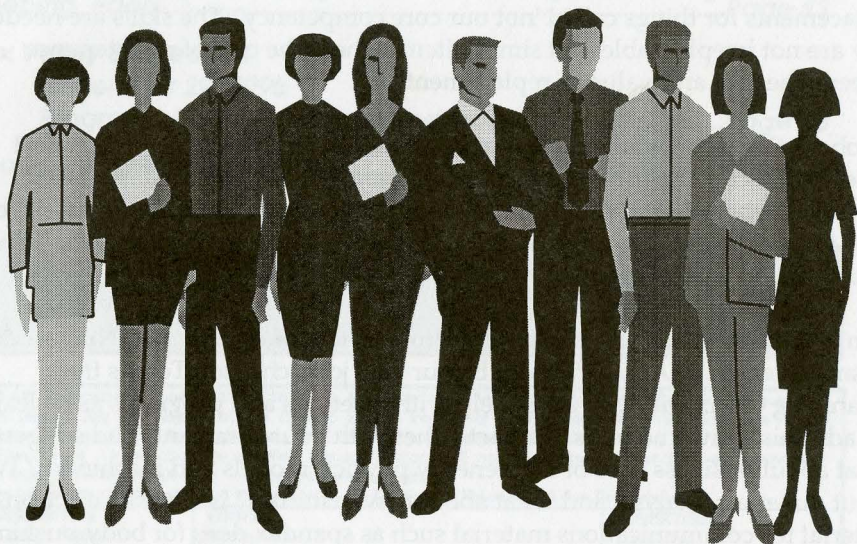


Scanfax

Institute of Electrical & Electronic Engineers  Chicago Section Newsletter

November 1995

Meet Your Fellow IEEE Members

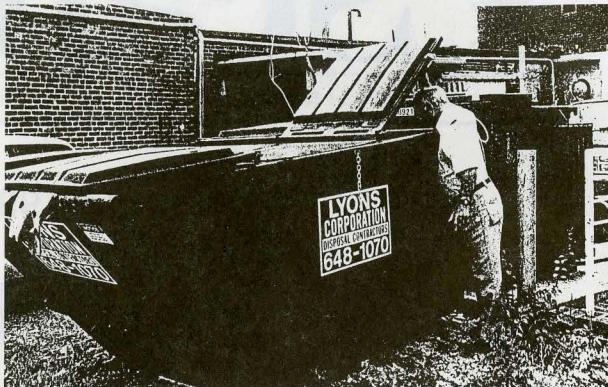


Come to an IEEE Event!

Chairman's Message

Greetings!

If we can do justice to the photocopy, the photo is not me. But it does represent something I am known to do. Rummaging through dumpsters is akin to rummaging through libraries and old journals. Or revisiting cast-off ideas to create something useful.



Embedded in the items below is the issue of what to do with your idle time, whether you came to it involuntarily or willfully. The corporate dumpsters are full of caste-aside ideas and the people who generated them. Many businesses are now learning the meaning of skill outsourcing, discarding or seeking replacements for things called 'not our core competency'. The skills are needed, they are not irreplaceable, but simply items where the cost of maintenance exceeds the cost and value of replacement.

October's Scanfax contained a list of volunteer administrative and technical society contacts. The list has been updated and profited from Marty Lake's editorial keyboard. The chairs' Email and phone contact are for your use. We hope to publish the entire list. You could then find a program person to volunteer your technical lessons learned as meeting program material.

Tom Jurgens is the appropriate contact for matters Magnetics and Nuclear & Plasma Sciences. MAG/NPSS will be our new joint chapter. Tom is the organizing Chair. Bill Curry will help with meetings and programs as he learns the administrative methods. Contact either with your comments and suggestions. What about business uses of high energy physics, models and machinery? What about materials analysis and what about new materials? Is there an electronics material for communications material such as spandex does for body pushing?

Judith Gemperline has volunteered to vitalize EMB. She will be contacting members for comments, but you need not wait. The chapter will be looking for local help with the 97 EMB conference, but there are lots of things that can be done to enrich our technology. What about neural networks, social implications of implants (e.g. cochlear), neural function stimulation?

Regards,
Jack Sherman, IEEE Chicago Section Chair — j.sherman@ieee.org

In This Issue:

- **Communications Society**
November 16, 1995
Realities and Challenges in Continually Reshaping Communications IndustriesPage 5
- **Power Engineering Society**
November 15, 1995
Sub-Cycle Solid-State Power Protection for Entire Facilities Page 7
- **Power Electronics Society**
November 15, 1995
Improved Power Conditioning Page 9
- **Computer Society**
November 28, 1995
Tour of the Chicago Board Options Exchange Computer OperationsPage 11
- **Keeping Pace**.....Page 12
- **Fox Valley Subsection**
November 29, 1995
Programs, Patterns, People and Programs.....Page 13
- **Spotlight on Meeting Rosters**Page 15

Chicago Section Executive Committee Meeting
November 14, 1995 • 7:15 PM
DeVry • 1221 N. Swift Road • Addison, IL

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Articles for January '96 Scanfax due November 16. Articles for February '96 due December 21.

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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.

<u>Life Cycle Phase</u>	<u>Course Title</u>
Analysis/Design	Software Systems Architecture, Object-Oriented Modeling and Design
Coding	Advanced Software Eng. Development, Object Oriented Programming
Test	Software Testing and Quality Assurance
Maintenance	Software Maintenance
Measurement	Software Metrics
Project Management	Programming Project Management
Tools	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.

REALITIES AND CHALLENGES IN CONTINUALLY RESHAPING COMMUNICATIONS INDUSTRIES

COMMUNICATIONS
SOCIETY
with
the IEEE Chicago
Section Student
Branch at IIT

Presented by Phyllis Cosentino of
AT&T Bell Laboratories

Thursday, November 16, 1995

ABOUT OUR TOPIC

The changes in government policies across the globe, dynamic market requirements, and decisions of standards bodies have brought complex technical challenge to architect and develop/deploy optimum communication solutions for the future. The author makes an attempt to give an overview of changes in the government policies, market requirements and to particularly focus on the wireless technologies and challenges brought by the exponential growth in the wireless market place.

ABOUT OUR SPEAKER

Phyllis Cosentino is the Director of Wireless Applications Engineering within the AT&T Network Wireless Systems. She is currently responsible for the application of wireless infrastructure products including Radio Frequency Engineering and Network Applications for cellular and PCS market in all regions. She received both a BSEE and MSEE from the University of Michigan. Ms. Cosentino recently received the distinction of being selected Honorable Mention for IEEE/Eta Kappa Knu's Outstanding Young Electrical Engineer Award.

PLACE

Illinois Institute of Technology (IIT)
Hermann Hall, Alumni Lounge
3241 Federal St. Chicago, IL

TIME

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

NOTES

Dinner costs \$17.00 per person and the presentation is free.

FOR RESERVATIONS

Please contact the IEEE Business Office at (800) 898-IEEE to register for the dinner and/or talk by November 8. Reservations are required. When you register, the Business Office will provide you with detailed directions.

FOR FURTHER INFORMATION

Please contact Dr. Weider D. Yu at (708) 224-4511, weider.d.yu@att.com.
Student guests: Please contact Mr. Raymond Lam at (312) 225-2217,
lamraym@charlie.acc.iit.edu.

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(Our new 24 ft. x 35 ft. semi-anechoic room with capabilities of more than 20 V/m @ 3 meters allows testing of very large systems.)
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Chicago Chapter
of the
IEEE
POWER
ENGINEERING
SOCIETY

Welcomes You
to a
Luncheon
Program

SUB-CYCLE SOLID-STATE POWER PROTECTION FOR ENTIRE FACILITIES

Presented by Ernest Werle of
Power Quality International

Wednesday, November 15, 1995

ABOUT OUR TOPIC

Power Quality and Power Reliability are the chief concerns of modern Commercial and Industrial users of electric power. Today, momentary power disturbances drastically affect electronic loads causing costly business interruptions. EPRI estimates electronic loads will grow to 60-70% by year 2000.

Sub-cycle, distribution class (up to 69kV) Static-Switches and Regulating Transformers provide unparalleled Power Quality and Reliability for *entire* facilities. These solid-state devices offer uninterruptible power to reduce business interruptions at a fraction of the costs of other alternatives.

The Static-Switch provides seamless, break-before-make power transfer in less than 1 ms. to protect facilities from sags, swells, momentary interruptions, and power outages. The Regulating Transformer employs solid-state, static tapchangers to provide sub-cycle correction due to voltage sags and swells.

This talk will discuss these innovative technologies and the value of sub-cycle power correction in specific Industrial and Commercial applications. It will also compare this new technology to other continuous power sources (low voltage devices, rotary devices, UPS systems, etc.).

ABOUT OUR SPEAKER

Ernie Werle is an EE from Northwestern University and currently is the Director of Marketing (Midwest Region) at Power Quality International.

PLACE

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

Lunch tickets can be purchased in the lobby (\$8.50).

TIME

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

FOR RESERVATIONS

Please call the IEEE Business Office at (800) 898-IEEE to make your reservation no later than noon, Monday, November 13th.

FOR FURTHER INFORMATION

Contact Sam Peach at (708) 995-2537.



ANNOUNCEMENT AND CALL FOR PAPERS

1996 ASME/IEEE Joint Railroad Conference
Oak Brook Hills Hotel and Resort
Oak Brook (Chicago), Illinois, USA
April 30 - May 2, 1996

Responding to rail transportation tonnage and rail transit ridership increases over recent years, new technologies have been widely adopted to increase productivity. It is timely now to take stock and see if the promised benefits are being attained.

Industry capital spending on new technologies has grown as evidenced by significant procurements of AC traction locomotives, communications based intelligent vehicle train control systems, and low floor light rail cars with AC propulsion. In addition, upgrading and rebuilding of existing transit properties and rail lines involve introduction of new technology.

Elements of the new technology in the railroad and rail transit industries are presented periodically at conferences and trade shows. The annual IEEE/ASME Joint Railroad Conference offers a comprehensive technical forum. Join your peers in 1996 near Chicago to share information, learn about technological progress, and find out how recent applications are working.

The annual IEEE/ASME Joint Railroad Conference is sponsored jointly by the Land Transportation Division of the IEEE Vehicular Technology Society and the Rail Transportation Division of the ASME. The 1996 Conference will be held near Chicago, a city rich with railroad heritage, the busiest railroad hub, home of rail transit pioneer CTA, and home of the new O'Hare Airport automated people mover system. The Conference location provides the ambience of a suburban golf resort yet is conveniently near the cultural and culinary excitement of the dynamic City of Chicago.

Papers are invited by the IEEE VTS Land Transportation Division for presentation and discussion at the Conference. Papers covering topics of current interest in system design,

hardware development, transportation technology, service experience are requested. Topics can include:

Rail transportation, high speed passenger rail, rail transit, light rail, people mover and magnetic levitated systems.

AC and DC traction propulsion and control systems, electrical power distribution and energy efficiency.

Signal and communication systems, automation and microprocessor control and EMI/EMC issues.

Automated train dispatching, data management systems and control centers.

Maintenance procedures, monitoring and fault detection, safety and quality assurance programs.

Computer modeling and simulation of transportation systems.

New starts and renovation projects.

Authors are requested to submit 200-300 word abstracts in five copies by November 17, 1995 to:

Norman Vutz
Meetings Chairperson
Land Transportation Division, IEEE-VTS
LTK Engineering Services
Two Valley Square, Suite 300
512 Township Line Road
Blue Bell, PA 19422 USA
Tel: 215-542-0700
Fax: 215-542-7676

Notification of paper acceptance will be made by December 1, 1995. Selected papers must be submitted by January 31, 1996.

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Contact:

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Illinois Institute of Technology

Tel: 312-567-3024
Fax: 312 567-7517
E-mail: grad@minna.iit.edu
<http://www.iit.edu>

Illinois Institute of Technology

Core Computer Science courses for master's and certificate programs beginning the week of January 16, 1996:

Software Engineering

CS 586 Software Systems Architecture—Weds. 6:20-9:10 p.m.
CS 587 Programming Project Management—Tues. & Thurs. 3:45-5 p.m.
CS 588 Advan Software Engineering Devel—Tues. & Thurs. 10:45-Noon
New course, based on the Personal Software Process by Watts Humphrey of the Software Engineering Institute. Series of exercises in planning, programming, measurement, size estimation, and defect management. IIT is one of a few schools in the country to offer it.

Intelligent Information Systems

CS 524 Object Oriented Information Systems—Thurs 6:20-9:10 p.m.
CS 583 Expert Systems—Tues. 6:20-9:10 p.m.

Computer Networks and Telecommunications

CS 542 Computer Networks I (Rice Campus)—Tues 6:20-9:10 p.m.
CS 542 Computer Networks I (Main Campus & IITV)—Mon 6:20-9:10 p.m.
CS 555 Analytic Models & Sim. of Computer Syst.—Weds. 6:20-9:10 p.m.

Electrical and Computer Engineering courses beginning the week of January 16, 1996:

ECE 510 Passive Network Synthesis—Weds. 6:20-9:10 p.m.
ECE 514 Digital Communication Principles—Tues. & Thurs. 5-6:15 p.m.
ECE 519 Coding for Reliable Communications—Mon. 6:20-9:10 p.m.
ECE 523 Electronic Circuit Theory—Sat. 9:10 a.m.-noon
ECE 530 VLSI Design—Mon. & Wed. 5-6:15 p.m.
ECE 531 Linear System Theory—Weds. 6:20-9:10 p.m.
ECE 541 Perform Eval of Computers and Comms—Thurs. 6:20-9:10 p.m.
ECE 558 Power System Reliability—Sat. 9:10 a.m.-noon
ECE 567 Statistical Signal Processing—Weds. 6:20-9:10 p.m.
ECE 568 Digital Processing of Speech—Tues. 6:20-9:10 p.m.
ECE 569 Digital Signal Processing II—Thurs. 6:20-9:10 p.m.
ECE 570 Fiber Optic Communication Systems—Tues. 6:20-9:10 p.m.
ECE 574 Imaging and Fourier Optics—Mon. & Weds. 5-6:15 p.m.
ECE 575 Electron Devices—Tues. 6:20-9:10 p.m.
ECE 581 Computer and Robotic Vision—Mon. 6:20-9:10 p.m.
ECE 585 Digital Computer Design—Mon. 6:20-9:10 p.m.

December 1995 and January 1996 ECE short courses:

Technologies for Wireless Communications
Image/Video Compression: Theory and Practice (JPEG, MPEG)
Electromagnetic Interference
Modern Medical Imaging: CAT, PET, SPECT, MRI

ECE Short Courses March 14-19, 1996:

Cellular Mobile Communications
Fundamentals of Fiber Optics

Special Graduate Student/Quick Admit Application

Illinois Institute of Technology

Applying for ☐ Fall ☐ Spring ☐ Summer Year _____
☐ Certificate Program ☐ Master's Degree Program
☐ Computer Science ☐ Elec. & Computer Engineering

☐ Mr. ☐ Mrs. ☐ Ms.

Family Name: _____ First: _____ Middle: _____

Social Security Number: _____

Reply Address

Number and Street: _____

City: _____ State: _____ Zip: _____

Country (if other than U.S.): _____ Employer: _____

Home Phone (Area code first): _____

Business Phone (Area code first): _____

Educational Information

List all academic background, beyond the secondary level including IIT. Admission to IIT requires official transcripts from each school listed.

Name of College & Location (most recent first)	Dates Attended Mo./Yr. to Mo./Yr.	Degree Received	Cumu.GPA (at least 2.5/4)
1. _____	_____	_____	_____
_____	_____	_____	_____
2. _____	_____	_____	_____
_____	_____	_____	_____

Biographic/Demographic Information*

Gender ☐ Male ☐ Female Date of Birth (Mo. _____ Day _____ Yr. _____)

Country of Birth: _____ State of Birth (U.S. Only): _____ Country of Citizenship: _____

continued on back

Special Graduate Student Application (continued)
Illinois Institute of Technology

Specify your ethnic origin*

- ☐ American Indian/Alaskan Native ☐ Chicano/Mexican American
☐ Asian or Pacific Islander ☐ Resident Alien (PR or Refugee)
☐ White (Non-Hispanic) ☐ Black/African American
☐ Hispanic ☐ Puerto Rican American
(not Mexican American or Puerto Rican)
- IIT's Center for Disability Resources assists students with physical and learning needs. Would you like information? ☐ Yes ☐ No

**Information on sex, age, ethnic, origin and citizenship status is collected for compliance reports in connection with federal regulations pursuant to the Civil Rights Act of 1964, Executive Order 11246 as amended by Executive Order 11375 and Title IX of the Education Amendments of 1972 and Part 86, 45 C.F.R. This information is to be supplied if you voluntarily decide to do so. The information will be kept in strict confidence and will not be used to discriminate in admission to or participation in any of the educational programs or activities offered in Illinois Institute of Technology.*

- I certify that to the best of my knowledge all statements submitted by me are correct, complete and my own. I understand that although my transcripts are not yet on file in the Graduate College, I am allowed to register as a Special (non-degree seeking) graduate student for this semester; if the official transcripts are not received in the Graduate College of IIT before the eighth week of the semester (fourth week of the summer session) or if my previous GPA is below 2.5/4.0, then I will not be eligible to receive registration materials for the following semesters. I understand that as a Special student, I will be allowed to register for up to nine credits of graduate courses, will be required to maintain a minimum GPA of 3.0/4.0 and must re-apply as a Regular (degree seeking) graduate student in order to pursue a graduate degree.

Student's signature _____

Date _____

FOR OFFICE USE ONLY :

DATE _____

FEE _____

APPROVAL _____

☐ YES ☐ NO

Send this application and a \$30 check* to:

Graduate College
Illinois Institute of Technology

3300 S. Federal Street, Chicago, IL 60616-3793

**If you have not already paid an application fee to IIT.*

*Chicago Chapter
of the
IEEE
POWER
ELECTRONICS
SOCIETY*

Welcomes You
to an Evening
Presentation

IMPROVED POWER CONDITIONING

Presented by
Norm Muelleman of
POWERVER, Inc.

Wednesday, November 15, 1995

ABOUT OUR TOPIC

A background discussion of suppression fundamentals and the limitations inherent in present conventional approaches will be given. Then, the advances in solid state technology and circuit topologies will be discussed that have made possible the development of surge diverter filters that are capable of attenuating power line surge voltages of 6000 volts to 30 volts or less. The improved techniques are transformerless and can also include new types of ground conditioning. Thus, all lines of a power distribution system can be protected

ABOUT OUR SPEAKER

Mr. Muelleman has a BSEE from the University of Illinois at Chicago, 1971. His career includes experience in developing instrumentation for the AEC, DOD test sites, and agricultural vehicles. Over the past 11 years, he has been active in developing new products in the power conditioning industry. At POWERVER he is charged with developing advanced products for power conditioning.

PLACE

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

TIME

Social Hour ----- 6:00 PM

Presentation ----- 7:00 PM

DIRECTIONS

Use the left gate of Gate A and inform security that you will be attending an IEEE Meeting. Park in the lot on your left as you leave the gate and enter through door 13 of building 1301 which is adjacent to the parking lot.

FOR RESERVATIONS

Please make your reservation by calling the IEEE Business Office at (800) 898-IEEE no later than noon, Monday, November 13.

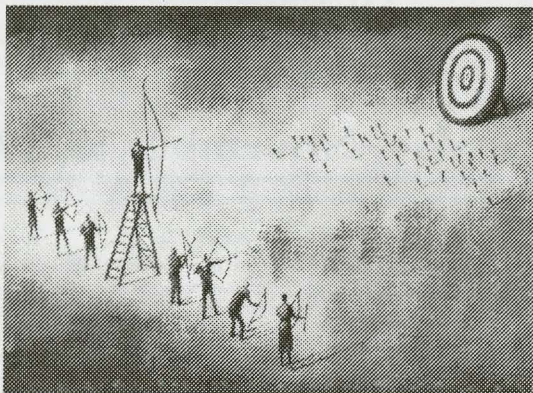
NOTES

Dinner can be purchased at low cost in the cafeteria starting at 5:30 PM, if you desire. Coffee and donuts will be provided during the social.

FOR FURTHER INFORMATION

Contact George Studtmann at (708) 392-7189.

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COMPUTER SOCIETY

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Engineering
Management and
Professional
Communications
Society

Welcomes You
to an
Evening Tour

TOUR OF THE CHICAGO BOARD OPTIONS EXCHANGE (CBOE) COMPUTER OPERATIONS

Hosted by Curt Schumacher of the CBOE
Tuesday, November 28, 1995

ABOUT OUR TOUR

The Chicago Chapters of the IEEE Computer Society and of the IEEE Engineering Management/IEEE Professional Communications Societies have arranged a tour of the Chicago Board Options Exchange (CBOE) computer operation facilities. We expect to get an overview of the technical requirements for this sophisticated information processing system; such as the transaction and data traffic capacity; the fail-safe and fail-soft capabilities; the evolutionary growth potential; as well as other essential system and application architecture concepts. We also anticipate a brief presentation of the "Business Issues" which have evolved into this modern real-time financial information processing system.

ABOUT OUR HOST

Mr. Curt Schumacher has arranged for our tour guides who will be members of their professional staff.

PLACE

Chicago Board Options Exchange
LaSalle at Van Buran
Chicago, IL

TIME

Promptly Starts 6:00 PM

FOR DIRECTIONS

Please contact the IEEE Business Office for directions.

FOR RESERVATIONS

To make your reservation call the IEEE Business Office at (800) 898-IEEE no later than November 15. Reservations are required.

NOTES

You may want to park at the parking facility located at Wells and Van Buran.

FOR FURTHER INFORMATION

Contact Joe Feitler at (708) 383-8773.

KEEPING PACE

For the past several years the Chicago Section Executive Committee has been concerned with the problem of unemployed IEEE members. We have conducted employment job workshops, and in cooperation with Lendman Associates held job fairs, which are well attended.

It is difficult to determine if these efforts are now needed by the membership, but as we hear of large reductions in staff of technology related companies, it would seem these programs should continue.

A recent IEEE/USA report on immigration reform provides some interesting data. We quote on excerpts from this report.

Special Panel Seeks Immigration Limits

An advisory body on immigration has proposed major policy reforms, with a view to reducing legal immigration by about one-third. In a report issued June 7, the Immigration Reform Commission suggested core immigration admissions level of 550,000 a year, to be divided as follows: nuclear family members -- 400,000; professional and skilled workers -- 100,000; and refugees -- 50,000.

The National Association of Manufacturers denounced the report, saying that reducing the number of expert foreign workers "shows an ignorance of how business operates in today's global market." NAM found it "distressing" that companies should have to pay a fee "to hire highly skilled workers that cannot be found in this country. It is already extremely expensive for employers to import foreign talent." According to Paul Huard, senior vice president of NAM, "these professionals ... do not take jobs away from U.S. Citizens. In fact, our members report that more jobs are created for American workers through the employment of expert foreign workers." These sentiments were echoed by Motorola's corporate vice president, James D. Burge, who said "this restrictive proposal punishes high technology companies and disregards our legitimate need for highly skilled personnel."

It is interesting to note that NAM wants to increase the number of immigrant engineers and scientists in the United States at a time native engineers are being laid off.

Could this be due to programs to "re-engineer" the industry, cost is the primary consideration?

Submitted by John Waters.

FOX VALLEY
SUBSECTION
with
Communication
Society,
and
Computer Society
Welcomes You
to an
Evening Program

PROGRAMS, PATTERNS, PEOPLE AND PROGRAMS

Presented by
James Coplien of AT&T Bell Laboratories
Wednesday, November 29, 1995

ABOUT OUR TOPIC

Patterns can be used in design and architecture of any system. It is a new approach to problem solving. This has lead Patterns into being an important force in software today. Generative Pattern Languages support an emerging design technique that embraces a broader perspective than object-oriented analysis alone. Not only do pattern languages help us understand how to create and assemble object-oriented designs, but they tie together multiple paradigms. Patterns help us document what goes on in the minds of great designers, in specific areas of design, so their knowledge can leverage inexperienced developers. This nascent design approach draws on the architecture work of Christopher Alexander. Its principles extend beyond designing software architectures to building organizations and development processes.

ABOUT OUR SPEAKER

Jim Coplien, a member of the Software Production Research Department in AT&T Bell Laboratories, holds a BS in Electrical and Computer Engineering, and an MS in Computer Science, both from the University of Wisconsin at Madison. He is author of "C++ Programming Styles and Idioms," and co-editor of "Pattern Languages of Program Design." He sits on the editorial board of the IEEE Computer Society Press Practices series.

PLACE

Jerry Sharko's
2225 Ogden Ave.
Lisle, IL

TIME

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

NOTES

Dinner costs \$15.00 per person and the presentation is free. Dinner menu includes Complimentary Bar 6:30 to 7:00 pm, Soup, Dinner Rolls, Medallions of Veal, Coffee, and Dessert. Dietary and vegetarian meals can be requested when you make your reservation.

FOR RESERVATIONS

Please call the IEEE Business Office at (800) 898-IEEE to make your reservation.

FOR FURTHER INFORMATION

Contact: Manish Shah at (708) 990-6171.

Off-Campus Graduate Engineering Programs

accommodating working adults

with evening classes at Chicago suburban locations

The University of Illinois at Chicago (UIC) is one of the top graduate research universities in the country. It annually awards approximately 200 PhD and 1,300 master's degrees. UIC is committed to serving the educational needs of the entire metropolitan area. The Off-Campus Graduate Engineering Program accommodates working adults by scheduling evening classes at suburban locations. These classes, offered one evening per week, are particularly suited to working students. Locations include Oakbrook, Schaumburg, Palatine, and Rockford. Reasonable cost has long been the standard for Illinois residents at state-supported universities such as UIC.

The engineering faculty of more than 120 talented individuals are committed to insuring that students who earn their degrees from UIC are well-prepared to succeed in the field of engineering. The faculty are active researchers, attracting substantial funding support each year. As teachers, mentors, and advisors, they are generous with their knowledge and receptive to individual student needs.

Planning to take a graduate course this spring?

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Spring 1996 Chicago Suburban Course Offerings

January 8 – May 3, 1996

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EECS 431	Analog Communication Circuits
EECS 550	Linear Systems Theory and Design
EECS 562	Algorithms and Complexity
EECS 597	Project Research
EECS 598	MS Thesis Research
EECS 599	PhD Thesis Research

For more information, contact the Coordinator, Off-Campus Engineering Programs (M/C 160),
851 South Morgan Street, Room 818, Chicago, Illinois 60607-7050.

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Spotlight on Meeting Rosters

When you register for a meeting, your data goes on a Roster so that meeting organizers can prepare for space, food, and security. But the task doesn't end with your phone call.

1. If you cannot make a meeting for which you have registered, and don't call to cancel, the food bill or the space allocation gets corrupted. In some organizations, they send you a bill for the encumbrance.
2. If you call to register after the deadline, you may be denied entrance.
3. If you don't leave a phone number, you risk coming to a canceled meeting.
4. If the meeting is held at a private location, such as a company or a school, the security considerations may warrant other data, such as citizenship. The Business Office will ask the required data. We know of companies that prefer to not have visitors on their premises who may compromise their intellectual property rights.
5. Meeting rosters and the names and affiliations of the attendees are IEEE property and are not publicly available. Attendees reserve the right to confidentiality, and it is understandable and would be good if they told the registrar about their preferences. Be assured that no salesman will call.

Although no IEEE meeting is closed, membership not required, and sitting for dinner not required, there are situations where not registering and just walking in may be considered a breach of courtesy. For each meeting there is a person responsible to IEEE. Your responsibility is to that person.

—From Jack Sherman, Chicago Section Chair

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