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TIME SENSITIVE MATERIAL

CALENDAR OF EVENTS

For reservations call the IEEE office 649-2800
(unless otherwise indicated)

Copy Deadline for February Scanfax is December 26, 1988

JAN. 4	Power Distribution in High Rise Buildings	Power Engineering Society	Carson Pirie Scott Corporate Level	Lunch 12:00 Noon Reservations 649-2800
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JAN. 10	Monthly Meeting All Welcome	IEEE Executive Committee	Contemporary Controls 2500 Wisconsin Downers Grove	Meeting 7:15 PM
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JAN.11	Machine Vision	IAS/IES	Cypress Restaurant Ogden Ave. Westmont	Social: 5:30 PM Dinner: 6:30 PM Meeting: 7:30 PM
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JAN.12	Public Domain Software for the IBM PC	Computer Society	Wilton Manor Geneva Rd. & Main St. Wheaton, IL	Social: 6:00 PM Dinner: 6:30 PM Meeting: 7:30 PM
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JAN. 12	D-Fibers and Their Applications	LEOS/OSC	Arthurs Restaurant NE Corner Elmhurst & Oakton Roads Des Plaines	Social: 6:15 PM Dinner 7:00 PM Meeting: 8:15 PM
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JAN. 25	Industrial Expert Systems	Fox Valley AIS	Wilton Manor Geneva Rd. & Main St. Wheaton	Social: 6:00 PM Dinner 7:00 PM Meeting: 8:00 PM
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BAYLESS ELECTED 1989 IEEE PRESIDENT ELECT

Carleton A. Bayless, a telecommunications consultant in Foresthill, CA, has been elected 1989 President-Elect of the Institute of Electrical and Electronics Engineers, Inc. Mr. Bayless will serve as IEEE President-Elect during 1989 and will assume the office of President on January 1, 1990. George Abbott, of North Carolina State University, will serve as 1989 Executive Vice President. Emerson Pugh wil serve as 1989 President of the IEEE succeeding Russell Drew.

Of the 217,158 ballots mailed to IEEE voting members, 55,310, or 25.0% were returned. This compares to 26.1% in 1986 and 23.6% in 1984, the last years with a similar combination of Institute, Region and Division elections were held. Both Bayless and Abbott were nominated by the IEEE board of directors.

This election marked the first time that approval plurality voting system, where electors can mark their ballots for one or more candidates, was used by the IEEE. Mr. Bayless received 28,120 votes, or 51.2% of the ballots returned with a presidential choice marked. Mr. Abbott received 24,427 or 48.5% of the ballots with a Vice-presidential choice indicated.

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Unless otherwise specified, Chicago Section IEEE neither endorses nor sanctions any positions or actions espoused in SCANFAX.

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SCANFAX DEADLINES

ISSUE	COPY DUE	MAILED ON
Feb	Dec 26	Jan 15
Mar	Jan 30	Feb 15
Apr	Feb 27	Mar 15
May	Mar 27	Apr 15
June	Apr 24	May 15

THESE ARE FIRM DEADLINES!!!!

THE CHICAGO CHAPTER OF THE IEEE COMPUTER SOCIETY

TOPIC: PUBLIC DOMAIN SOFTWARE FOR THE IBM PC

SPEAKER: Gary Elfring, President of Elfring Consulting, Inc. (ECI)

PLACE: Wilton Manor, Geneva Road & Main Street, Wheaton, IL

DATE: Thursday, January 12, 1989

TIME: 6:00 pm - Social Hour (Cash Bar)

6:30 pm — Dinner (\$13 for IEEE/ACM Members; \$15 for non-members)
* * * (Please call 649-2800 for Dinner Reservations by 1/10/89)

7:30 pm — Talk — No Admission Fee
* * * * The room size will limit attendance to 100 people!

ABSTRACT

There is a great deal of quality Public Domain (PD) software for IBM PCs. The best PD programs are as good as — or even better — than their commercial counterparts, but they are not easy to find. Mr. Elfring will offer an introduction to the world of PD software and outline the general types of such programs available, some outstanding examples, and their sources. He will also discuss protection against some infamous “viruses”.

Mr. Elfring will provide 13 PD master diskettes which you can copy onto your own 5¼ inch DSDD diskettes (PREFORMATTED to save time).

Our speaker is the president of ECI, specialists in designing hardware and software for microprocessor-based systems; ECI also offers “soft fonts” packages and utilities for popular laser printers.

He has taught a series of nation-wide seminars in assembly language programming, C programming, and microprocessor applications; he also wrote a textbook, *Microcomputer Assembly Language Programming*, (published by Van Nostrand Reinhold) and is the author of numerous articles in magazines such as *Byte*, *Computer Language*, *PC Tech Journal*, and *Programmer's Journal*.

Please contact Joe Feitler at 979-8023 for additional information or travel directions.

Attention Meeting Organizers

Please let Bob Schrage (294-2759) know of your meeting plans when you send that information to Scanfax so that he may alert the answering service to expect reservations for the meeting.



**Joint Meeting
IEEE Lasers and Electro-Optics Society
CHICAGO CHAPTER
with
OSC (Sponsor) and SPIE**



DATE: Thursday, January 12, 1988

TOPIC: D-Fibers and Their Applications

SPEAKER: Dr. Richard Dyott, Andrew Corporation, Orland Park, IL
A second speaker has been invited to talk about Digital Fiber Optics

LOCATION: Arthur's Restaurant
NE corner of Elmhurst and Oakton Roads
Des Plaines, IL 60118 (312-593-2233)

* Entree choices are Breaded Veal Cutlet or Half Chicken. Reservations are required for dinner seating, and are also highly recommended for those who wish to attend the technical presentation only. Please call Optical Society of Chicago at 312-298-6692 for reservations by 5:00 pm on Tuesday, January 10, 1989. For additional information contact Tom Windhorn at 312-961-7922.

REPORT FROM YOUR SECTION CHAIRMAN

A visit to several recent Chapter and Subsection meetings gave me a chance to talk to more of our members and to solicit their ideas. Hopefully some of them will help to make arrangements for future meetings, find interesting speakers (perhaps themselves), as well as volunteer as officers and committee chair people. All your current officers are trying very hard to serve all of you, but your direct support and participation is most essential at all times, without undue sacrifice of your limited "spare time".

We are planning our participatory role during Engineer's Week at IIT-West on February 24th and 25th. We'll have more of our popular tour visits which usually need early phone reservations due to attendance limitations required by the site; we sincerely regret any disappointments for late-comers.

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CHICAGO IEEE PRODUCT SAFETY TECHNICAL COMMITTEE FORMING Are you involved in a Product Safety Program???

Get involved!!! The Product Safety Technical Committee of the IEEE EMC Society is coming to the Northwest Area.

Our goal is to keep our products safe, and to stay on top of the Regulatory Agencies that dictate how we build our products.

- Industry Updates
- Regulatory Reviews
- Product Safety Newsletter

If you're not involved, you should be. The first meeting of the Chicago Chapter is tentatively set for Winter, 1989.

For more information call:

John R. Allen
Chairman/Chicago Local Chapter
Mitsubishi Electric
(312) 699-4414

continued from page 4

Our monitoring of our Message Center's telephone service will continue; we will try to remedy all problem situations brought to our attention ASAP; we want to obtain the best service practical consistent with our approved budget.

Thanks to our SCANFAX Editor's efforts you are receiving each issue on a very timely basis; please help him by giving him complete and legible event information by the published deadline; the same type of details should be sufficient to tell our Message Center about your meeting plans and reservation needs.

You'll be hearing about our Recognition Dinner in May and our request for industry support. MIDCON in September 1989 is asking for tutorials and for volunteers to serve on the committees.

Thanks for your suggestions and support.

Joe Feitler (979-8023)



POWER ENGINEERING SOCIETY

Speaker: John J. Trutwin
Senior Vice President
Environmental Systems Design, Inc.

Topic: Power Distribution in High-Rise Buildings

Abstract: The planning of the electrical distribution system for a high-rise building requires the definitions of the electrical loads, voltages, applicable utility rates and special considerations.

Background of Speaker: John Trutwin has a BSEE from Illinois Institute of Technology. He is a professional engineer registered in Illinois and seven states and has over 30 years of experience in the design and construction of electrical systems.

Place: Carson Pirie Scott — Chicago (Monroe and Wabash);
Corporate (lower) Level

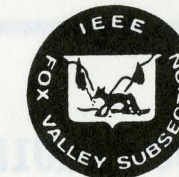
Date: January 4, 1989

Time: 11:30 Cocktails
12:00 Lunch (Cost \$9.00 per person)
12:45 presentation

Reservations may be made by calling the IEEE Chicago message center at 649-2800. Please leave name(s) and company name(s) for those wishing to attend.



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.



FOX VALLEY SUBSECTION

together with the
ARTIFICIAL INTELLIGENCE SOCIETY

TOPIC: INDUSTRIAL EXPERT SYSTEMS

DATE: Wednesday, January 25, 1989

SPEAKER: Dr. William J. Kaminsky

PLACE: Wilton Manor, Schmale Rd., Wheaton

TIME/COST: Social: 6:00 p.m. - Cash Bar

Dinner: 7:00 p.m. - \$11.00

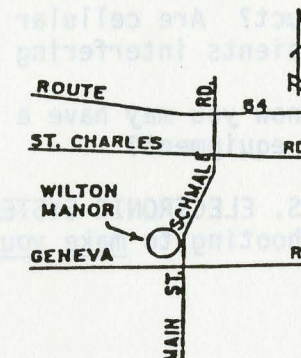
Speaker: 8:00 p.m. - Free

RESERVATIONS: Call (312) 649-2800 to make reservations for Dinner and/or Meeting, by **Monday, January 23, 1989.**

TECHNICAL QUESTIONS: Direct questions about our topic or speaker to Dan Esposito on (312) 979-8032.

ABSTRACT: Expert systems have received much publicity of late but use of this technology in industry has not occurred as fast as many had predicted. There are a number of reasons for this, most very practical problems that are being overcome slowly. Dr. Kaminsky's talk will discuss the use of expert systems for industrial problems, focusing on the practical issues such as selling the usefulness of this technology, project estimation, funding, project management, tool selection, system integration and others.

ABOUT OUR SPEAKER: Dr. William J. Kaminsky is currently the Manager of Electronic Systems at the Borg-Warner Research Center where he has been responsible for the development and direction of the Expert Systems program. Prior to joining Borg-Warner in 1984, he spent 7 years at Bell Laboratories, working primarily in computer system performance and toll switching system architecture and planning. He received his PhD and MS degrees in Electrical/Computer Engineering from the University of Illinois and a BSEE from Purdue. He is a member of IEEE, ACM, AAAI, SAE and ESTTA (Expert Systems Technology Transfer Association).



1989 INTERNATIONAL ILLUMINATION DESIGN AWARDS PROGRAM

The Chicago Section of the Illuminating Engineering Society (IESNA) announces that entry forms are now available for the International Illumination Design Awards (IIDA) Program. The goal of the IIDA program is to encourage, recognize and publicize outstanding lighting designs in the Chicago area. You are not required to be an IESNA member to enter.

Entrants are asked to submit a written description (maximum of 250 words) and 35mm slides of the design (maximum of 10 slides). All submissions are due by February 1, 1989. There will be a presentation of the projects and an announcement of the award winners at the March 9th Chicago Section meeting. All qualifying entries will then be forwarded for possible regional and national recognition by the IESNA.

Additional information and entry forms may be obtained at the monthly IESNA section meetings or by contacting Bob Sagula, 312/885-3138, between 8:00 A.M. and 9:00 P.M.

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be 708 699-9060

INDUSTRIAL ELECTRONICS SOCIETY/INDUSTRY APPLICATIONS SOCIETY

Joint Meeting IES/IAS
ISA/Instrument Society of America
January 11, 1989

Subject:
Use of Machine Vision in Manufacturing

Guest Speaker:
Wayne W. Wolnik
Area Manager for Intelligent Sensors
Allen-Bradley Company

The presentation will be about the use of machine vision in manufacturing. Applications for the machine vision will be reviewed. The use of optics and lighting as an important part of machine will also be reviewed by Mr. Wolnik.

Location:
The Cypress Restaurant
500 E. Ogden Ave.
Hinsdale, IL 60521
(On Ogden 1 block West of 294)

6:00 Cash Bar
6:30 Dinner
7:30 Program

Reservations: Please call IEEE Chicago Section Message Center at 312/649-2800 to make dinner reservations by January 4, 1989. Reservations are appreciated even if you attend only the program.