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Official Publication of the Chicago Section • Institute of Electrical & Electronics Engineers • MARCH 1991

TIME
SENSITIVE
MATERIAL

CALENDAR OF EVENTS

For reservations please call IEEE Office at (708) 963-3828 before the stated deadline
Copy Deadline for April SCANFAX is March 30, 1991

March 12 Tuesday	Chicago Section	Executive Committee	Contemporary Controls 2500 Wisconsin Downers Grove, IL	Meeting: 7:15 PM
March 13 Wednesday	Power Engineering	A 300 MPH Magnetically Levitated Ground Transportation System	Carson Pirie Scott Monroe & Wabash Chicago (Corporate Level)	Social: 11:30 AM Lunch: 12:00 noon Meeting: 12:30 PM
March 13 Wednesday	Components, Hybrids, & Manufact. Technology	An Approach to Significantly Improving Electronics Performance	Wilton Manor Schmale Rd Wheaton, IL	Social: 6:00 PM Dinner: 7:00 PM Meeting: 8:00 PM
March 13 Wednesday	IAS/IES	Presentation on Time Management	UL's Cafetorium 333 Pfingsten Rd. Northbrook, IL	Social: 5:30 PM Dinner: 6:30 PM Meeting: 7:30 PM
March 14 Thursday	Computers	Technical Tour of WGN-TV Studios	WGN-TV Studios 2501 W. Bradley Place Chicago, IL	Meeting: 7:00 PM reservations needed!
March 20 Wednesday	Communications	Intelligent Network 1991: A Year of Action	Sharko's Restaurant 2225 Ogden Ave. Lisle, IL	Social: 6:00 PM Dinner: 7:00 PM Meeting: 8:00 PM
April 2 Tuesday	Fox Valley Subsection	Perspectives on Health Effects of Electric and Magnetic Fields	Wilton Manor Schmale Road Wheaton, IL	Social: 6:00 PM Dinner: 7:00 PM Meeting: 8:00 PM
April 2 Tuesday	Components, Hybrids, & Manufact. Technology; NIU, Dept of Cont. Educ.; Hybrid Microelect. Soc.	Issues and Opportunities in Microelectronics Schaumburg, IL	Galvin Center for Continuing Educ. Motorola Campus information)	All Day Seminar (see inside for your reservation
April 4 Thursday	Components, Hybrids, & Manufact. Technology; ASQC	Q. A. Day	Argonne National Accel. Labs. Argonne, IL	Afternoon & Evening (see inside)
April 7 Sunday	Chicago Section and The Lendman Group	IEEE Job Search Training Programs (for IEEE Members only)	Radisson Suite Hotel 5500 River Rd Rosemont, IL	Call for your Reservation at (800) 562-2820
April 8 & 9 Monday & Tuesday	Chicago Section and The Lendman Group	IEEE Engineering Job Fair	Radisson Suite Hotel 5500 River Rd Rosemont, IL	For information call (800) 562-2820
April 27 Saturday	Chicago Section	1991 Recognition Dinner	Embassy Suites Hotel 6501 N Mannheim Rd Des Plaines, IL	see our poster inside how to make your dinner reservations

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NOMINATING COMMITTEE REPORT

The Chicago Section nominating committee has completed the proposed slate of officers for the next Section Executive Committee. The term of the office will be July 1, 1991 through June 30, 1992. The following are the proposed candidates.

Position	Name
Chairman	John Truitt
Vice-Chairman	Barry Brusso
Treasurer	Len Cohen
Secretary	Ed Capouch
Member Services	Jack Sherman
Publication	Jim Carroll
Professional Activities	John Waters
Conference	Tom Monte
Program	Bob Camillone
Student Activities	Mary Hart
Finance	Don Reynolds
Special Events	Henry Korman
Awards	Carl Kannewurf

The Ballot for the Election of the Executive Committee will be included in the April issue of SCANFAX.

SCANFAX DEADLINES

ISSUE	COPY DUE	MAILED ON
APR	FEB 26	MAR 15
MAY	MAR 26	APR 15
JUNE	APR 30	MAY 15

THESE ARE FIRM DEADLINES
FOR ADS AND COPY!!!

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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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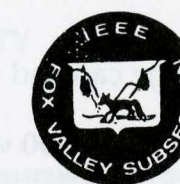
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(708) 517-1890

Change of Address

Send change of address to Roseann Schulz, Member Services, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854-4150. Include your SCANFAX mailing label if possible or phone direct to: 1-800-678-4333. We cannot forward this information for you, so please do not send it to the local office.



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.



FOX VALLEY SUBSECTION

TOPIC: Perspectives on Health Effects of
Electric and Magnetic Fields

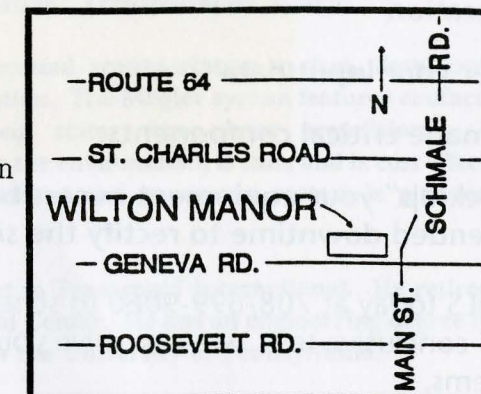
DATE: Tuesday, April 2nd, 1991

SPEAKER: Dr. James C. Lin

PLACE: Wilton Manor, Schmale Rd., Wheaton

TIME/COST:

Social:	6:00 p.m.	Cash Bar
Dinner:	7:00 p.m.	\$12.00
Students with ID:		\$10.00
Speaker:	8:00 p.m.	Free*



RESERVATIONS: Call (708) 963-3828 to make reservations for Dinner and/or Meeting, by Friday, March 29th 1991. Casual attire appropriate, as always.

TECHNICAL QUESTIONS: Direct questions about our topic or speaker to Jim Fancher at (312) 294-8085.

ABSTRACT: A crescendo of media reports, scare books and articles in journals and the trade press has associated electric and magnetic fields with adverse health effects, such as cancer. Even fields from power lines and from appliances have been under scrutiny. Dr. Lin will outline the origin and status of the present controversy, and will indicate where he believes research efforts must now be directed.

ABOUT OUR SPEAKER: Dr. James C. Lin, Professor and Head of the Bioengineering Department, University of Illinois at Chicago, is especially well-equipped to discuss these issues: An electrical engineer by education, he has nonetheless spent much of his career studying the effects on nonionizing radiation on living organisms. He presently chairs the IEEE's national committee in this area, COMAR (Committee on Man and Radiation).

* Note: While the meeting is free, recognize that the room is subsidized by the cost of the dinners. Attending the dinner helps to support our continued offering of interesting meetings.

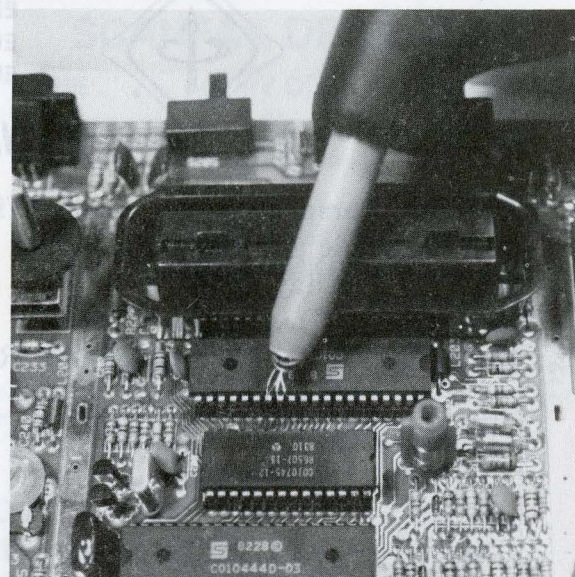
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FOX VALLEY'S PRINTED SCHEDULE**

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POWER ENGINEERING SOCIETY

- SPEAKER:** Mr. William W. Dickhart III, Consultant to Transrapid International
- TOPIC:** A 300 MPH Magnetically Levitated Ground Transportation System
- ABSTRACT:** A 300 mph magnetically levitated ground transportation system, developed in Germany, is ready for revenue application. The Maglev system features contactless electromagnetic suspension and long stator - three-phase propulsion. This transportation mode has little effect on the environment, is safe, and is cost effective. A revenue system is planned in Germany and a revenue system is planned in Florida.
- BACKGROUND:** Bill Dickhart is currently a consultant to Transrapid International. He retired as Manager of Budd Company's Technical Center. He has an engineering degree from Cornell University and a MSME from the University of Pennsylvania.
- PLACE:** Carson Pirie Scott - Chicago (Monroe & Wabash) - Lower Level
- DATE:** March 13, 1991
- TIME:** 11:30 Social 12:00 Lunch 12:30 Presentation.
Reservations must be made by noon Monday, March 11, 1991, by calling 708-963-3828. Please leave name(s) and company name. Lunch is \$9.00.

Meeting of the IEEE Communications Society (Chicago Chapter)

DATE: Wednesday, March 20, 1991
GUEST SPEAKER: Duane B. Meaux, Ameritech Services
TOPIC: Intelligent Network 1991: A Year of Action
PLACE: Sharko's Restaurant, 2225 Ogden Avenue, Lisle, IL
TIME/COST: Social: 6:00 PM - Cash Bar
Dinner: 7:00 PM - \$13.00

Speaker: 8:00 PM - FREE

RESERVATIONS: Call (708) 963-3828 to make dinner reservations by Monday, March 18, 1991.

FURTHER INQUIRIES: For further questions, contact Paul Bhugra at (708) 979-1901.

ABOUT THE TOPIC: The telecommunications industry has been planning and studying the concept of the Intelligent Network (IN) for over five years. In 1989, Ameritech announced its plans to work with its vendors to introduce IN capabilities in 1991. This presentation will review the basic concepts of IN, the motivations for IN, and Ameritech's progress towards its 1991 goal.

ABOUT THE SPEAKER: Duane Meaux is the Director of Intelligent Network Planning for Ameritech Services. His primary responsibility is to manage Ameritech's introduction of the Intelligent Network. Duane began his career as an engineer with Indiana Bell in 1983 and later joined Ameritech Services as a Product Development Manager.

Duane holds a Bachelor of Science degree in Quantitative Business Analysis from Indiana University. He is an active member of the IEEE and currently serves as Secretary for the ICC'92 Executive Committee.

IEEE CHICAGO SECTION - PLACEMENT SERVICE APPLICATION FORM

Prospective employers will receive the information on this form on request unless marked "CONFIDENTIAL" at the top of this form. Please notify us immediately if you accept employment to leave space for other search ads.

Each search ad will run in two consecutive monthly SCANFAX issues (not published during July and August). The submission deadlines for all imminent SCANFAX issues are listed elsewhere in this issue of SCANFAX. The number of search ads per issue may be limited by space constraints.

(please print)

Name _____ IEEE No. _____ Expir. Date _____

Address _____ IEEE Grade _____

City/State/ZIP _____ Phone (____) _____

Please limit your text to the 99 spaces provided:

[illegible]

The IEEE and its Chicago Section waive any responsibility in determining the credibility, accuracy, or qualifications of applicants or employers.

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IEEE CHICAGO SECTION – SCANFAX PLACEMENT SERVICE

The Chicago Section operates a free placement service for its *unemployed* members currently at the Member Grade and above. If you want to contact any of the applicants listed below about a potential opening, you can get the name and phone number by calling our office at 708-963-3828 during business hours.

* * If marked "confidential", our office will notify this applicant about the prospective employer's inquiry. * *

No.	Description
222	MSEE – Real-Time Software, Advance Automation and Process Control
223	25 Years of Management Experience in R&D, Project Control, New Products; Good Track Record, Seeks V.P. Position
224	BSEE – PE – 17 Years of Progressive Experience in Medical Instruments and Engineering Management
225	BSEET – Recent Grad. Seeking Entry-Level Position; Interested in Microprocessor Applications & Programming
226	MSEE/MBA – Seeks Technical or General Management Role in Biotech, Electronics; 10 Years of Experience including Consulting
227	BSEET – 5/90 SIU-C with Computer Experience; Seeks Entry-Level Position in RF or Electronic Design/Testing
228	BSEE/MBA/PE – 15 Years in Systems, Communications, Software, Controls and Power; Seeks Technical/Management Position
229	MSEE – Director of QA – Numerous Design and Process Improvements; Managed Engineering Development Programs

**THE CHICAGO CHAPTER OF THE IEEE COMPUTER SOCIETY
INVITES YOU**

DATE & TIME: March 14, 1991 (Thursday) at 7:00 PM

PLACE: WGN-TV Studios, 2501 W. Bradley Place, Chicago
(from Addison, take Talman north which turns into Bradley Place)
[this location is north of Addison, between California and Western Aves]

SPEAKER: Robert Strutzel, WGN-TV Engineering

TOPIC: TOUR OF THE WGN-TV FACILITIES

A viewership of more than 32 million homes in 38 states makes WGN-TV a leading "superstation". WGN-TV Engineering will conduct us on a tour of its technical facilities which are involved in a multi-million dollar upgrade - including new robotics and automation systems, as well as a new videotape format.

About our Speaker:

Robert Strutzel, the Director of Engineering for WGN-TV, has been with this station for the past seven years, after being Director of Technical Operations for WCBS-TV in New York City. Robert holds a BSEE Degree from Fairleigh Dickenson University in Teaneck, NJ and a Masters of Management Science Degree from Stevens Institute of Technology in Hoboken, NJ.

Please phone your reservations to our IEEE Office (708) 963-3828 ASAP since we are limited to about 20 people.

* * * Please try not to be a "no-show"! * * *

For additional information/directions please call Joe Feitler at (708) 505-9100, x277

MIDCON – MEETING THE CHALLENGE

In a previous issue of SCANFAX we commented on reductions in defense spending, thus requiring fewer engineers to develop sophisticated weapons systems.

This simple observation is deserving of far more significance now that we are in a war situation with Iraq. The weapons systems such as the *Patriot* missile, the radar countermeasures equipment, and the target-seeking systems have all been developed by engineers who keep pushing the boundaries of scientific knowledge. We are all aware of how successfully these systems have functioned.

This success does not come easily: it is the result of of an imaginative mind and disciplined effort. The tutorials and technical seminars being planned for **MIDCON '91** hopefully will stimulate that imaginative process so that the new technology of the future will be developed by engineers in the United States, and will go far beyond weapons to wage war, but help create a society where we can all live in peace.

John Waters

YOU CALL THE SHOTS

The Chicago area is recognized as the greatest host and sponsor. Whether the subject be professional sports or industry, we take great pride and we get involved. An now a unique opportunity arises for us to show the world what the IEEE Chicago Section can do. For the first time, we are giving our membership the exclusive chance to dictate the technical program for MIDCON 1991. We host and sponsor the premier convention and trade show for the electronics industry in the Midwest. This year, there is no advertised *Call for Papers* from the outside world. Instead, we are providing our membership with the opportunity to plan, organize, and present the focused practical sessions. No proceedings will be published, so writing a paper is not necessary. If we cannot fill the agenda from our talents and resources by early March, then we will issue a Call for Papers and let others participate.

Can you organize a session or tutorial? Do we have the talent? Please call me at (312) 567-3221.

Dr. Gary L. Blank
Convention Director, MIDCON 1991

JANUARY 1991 CAREER FAIR A SUCCESS

On Sunday, January 13th, over 100 IEEE members braved the cold and snow to attend a Job Search Workshop co-sponsored by the Chicago Section. Dan Gorman of the Lendman-Payne Group conducted the all-day program. His dynamic presentation and positive verbal interchange with the attendees produced an absorbed and attentive audience. Dan, with the aid of many slides, covered the preparation of resumes, interview techniques, and acquiring the proper mental attitude in seeking employment. With this preparation the individual members met with the representatives of 35 companies in the evening of the following Monday and Tuesday, where interviews were conducted under comfortable conditions in the suites provided. We hope that some job offers were made to the approximately 700 who took advantage of this opportunity.

With the success of this initial venture, the Chicago Section plans to offer this Workshop/Career Fair again on April 7, 8, and 9, 1991 at the Radisson Suites Hotel in Rosemont, IL. Look for detailed information in your April issue of SCANFAX.

John Waters

A THANK-YOU NOTE FOR THE JANUARY 1991 CAREER FAIR

Here is an excerpt from an attendee's letter to a Chicago Section Member:

I want to thank you very much for reaching out to me Sunday in such a personal way. I enjoyed meeting you and learning first-hand about how a resume must project a candidate for an engineering position.

My enthusiasm for the IEEE Technical Career Fair was furthered by my meeting with you. On Monday, I immediately began revising my resume per your suggestions. As a result of Sunday's IEEE Interviewing Seminar and our conversations, I feel I have put my best foot forward.

I want to reiterate my gratitude towards you for your personal effort on my behalf.

The IEEE in addressing this particular need for electrical and electronic engineers has done us a great service and I hope that I may return the effort in kind.

Again, thank you for the impromptu interview and consideration.

[name withheld]

John Waters

OBITUARY --- John Bardeen, PhD

Dr. John Bardeen died at age 83 on January 30, 1991. A world renowned scientist and engineer, he was awarded the Nobel Prize in Physics in 1956 as a co-inventor of the transistor and, again, in 1972 as co-developer of superconductivity theory. Dr. Bardeen was the last surviving member of the AT&T Bell Laboratories team that invented the transistor.

Dr. Bardeen was a Professor of Electrical Engineering and Physics at the University of Illinois, Urbana for many years. While at the U of I, he conducted much of the fundamental work for his superconductivity theory and experiments substantiating his concepts. Gratitude goes to AT&T Bell Laboratories for site and logistics support during final development and publications.

In addition to being the first multiple Nobel Prize recipient, Dr. Bardeen received numerous awards, e.g., the 1988 Lomonosov Prize from the Soviet Academy of Sciences. Earlier, Dr. Bardeen was affiliated with Gulf Research Laboratories, the University of Minnesota, and the Naval Ordnance Laboratory. His *almae matres* are the University of Wisconsin and Princeton University.

We Illinoisians can be proud of his accomplishments at our world-class university. His continued professional contributions will be greatly missed.

George Stout and Bob Camillone

COMPONENTS, HYBRIDS, AND MANUFACTURING TECHNOLOGY (CHMT) SOCIETY

TOPIC: An Approach to Significantly Improving Electronics Performance

DATE: Tuesday, March 13, 1991

SPEAKER: Bruce Briley

PLACE: Wilton Manor, Schmale Rd., Wheaton

TIME/COST: 6:00 p.m. Social (Cash Bar); 7:00 p.m. Dinner (\$12.00); 8:00p.m. Meeting

RESERVATIONS: Call (708) 963-3828 to make reservations for Dinner and/or meeting, by Friday, March 8th, 1991.

TECHNICAL QUESTIONS: Direct questions about our topic or speaker to Praveen Gupta at (708) 231-3142.

ABSTRACT: Low temperatures provide a more favorable environment for electronics and photonics. Semiconductor majority-carrier mobility improves by a significant factor, conductors drop in resistivity, electromigration becomes less troublesome, and laser lifetime improves by orders of magnitude. These and many more effects are so profound as to justify the use of cryogenics in certain applications. Some applications will be described and a demonstration will be given.

ABOUT OUR SPEAKER: Bruce Briley received his B.S., M.S., and Ph.D. from the University of Illinois. He is a Distinguished Member of Technical Staff at AT&T Bell Laboratories. He is also an Adjunct Full Professor at Illinois Institute of Technology. Dr. Briley has authored two books and has 18 patents to his credit. He is a former member of the Governing Board of the IEEE Computer Society.

IEEE COMPONENTS HYBRIDS AND MANUFACTURING TECHNOLOGY SOCIETY
CHICAGO CHAPTER, IS PLEASED TO ASSOCIATE WITH
NORTHERN ILLINOIS UNIVERSITY, DEPARTMENT OF CONTINUING EDUCATION
INTERNATIONAL SOCIETY FOR HYBRID MICROELECTRONICS
A ONE DAY CONFERENCE APRIL 2, 1991
THE GALVIN CENTER FOR CONTINUING EDUCATION
MOTOROLA CAMPUS, SCHAUMBURG IL

ISSUES AND OPPORTUNITIES IN MICROELECTRONICS

ALL ARE INVITED PAPERS, ALL SPEAKERS ARE RECOGNIZED AUTHORITIES.

- Industry Status of Surface Mount Technology
- Manufacturing, Process Control, and Cost Issues with Multi-Chip Modules- MCM's
- New Interconnect Mechanisms for MCM's
- Markets for MCM's and Opportunities for Thick Films
- Manufacturing Multi-Chip Modules
- Ceramic Microcircuits Have A Future
- No-Clean and Cleaning Options in Electronics Manufacturing
- An Evaluation of No-Clean and Water Clean Solder Pastes
- Test Procedures for Qualifying No-Clean Solder Pastes
- Late Breaking News

A TWO HOUR VENDOR SHOW WILL FOLLOW THE LAST PRESENTATION
REGISTRATION INCLUDES LUNCH, PIZZA AND SOFT DRINKS THE FINAL HOUR.

For Registration information, please call Andrea Horst, NIU 815 753 2401

CHMT, ISHM, and SAMPE members will receive advance program by mail.

For other information, call Jack Sherman CHMT, ISHM, SAMPE Secy, 708 576 8222.

MEETING NOTICE -- April 4th, 1991

CHMT is pleased to associate with the Electronics Division of ASQC in presenting a series of three sessions as part of the 15th Annual Q.A. Day at Argonne National Lab.

Q. A. Day opens with a general session from 1:00 to 2:00 P.M. The speaker for this opening session will be Dr. John Condon, CoB of ASQC and IEEE member. His topic will be "The Quality Movement and Strategies For The Future"

***"Software Quality Assurance" Praveen Gupta, Consultant, Quality Technology Company -2:30 to 3:25 PM-

***"Software Structure Methods and CASE Tools" Phillip Armour, Consultant, Manmouth Associates -3:30 to 4:25 PM-

***"Software Cost and Effort Estimation Methods" Bud Glick, Senior Staff Engineer, Software Research and Development, Motorola Inc. -4:30 to 5:30 PM-

At 7:30 PM Dr. R. H. Huebner of ANL will speak on "The Brightest Source of X-rays Known to Man"

Pre-registration for the event which includes the technical program and a 6:30 dinner is required by March 29th. Send registration information and the \$35 registration fee payable to "QA Conference" to; E. H. Palys, Quality Assurance, Environment and Safety Office, ANL Building 201, 9700 South Cass Avenue, Argonne, IL 60439.

Entry to the Argonne site will be through Gate 291 off Cass Avenue. You will be directed to Building 362 where registration will be completed and sessions begin.

***** Registration Information *****

Name _____ Company _____
Phone No. _____ Technical Society _____
Citizenship ___ U.S. ___ Other (please specify) _____

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INDUSTRY APPLICATIONS SOCIETY
INDUSTRIAL ELECTRONICS SOCIETY
CHICAGO CHAPTER

* * * ANNOUNCEMENT * * *

IEEE MEETING

HOSTED BY UNDERWRITERS LABORATORIES

When: Wednesday, March 13, 1991
Where: UL's Cafetorium, 2nd Floor, Bldg. 8
333 Pfingsten Rd., Northbrook, IL
Event: Presentation on Time Management
Featured Speaker: Ken Keller, The Carroll-Keller
Group Ltd.
Program Timetable: 5:30 p.m. - Soft Drinks and
Coffee Served
6:30 p.m. - Buffet Dinner
7:30 p.m. - Technical Presentation



Enter UL's property at the Southwest corner of Pfingsten Road. Use the visitor's lot to the South of the complex. Enter the reception area at the circle drive.

The cost for refreshments and the buffet dinner is \$12. There is no charge for anyone to attend only the technical program. To make your reservations for the buffet, call Chuck Wintergerst (Ext. 2836) or John Kovacik (Ext. 2972) at Underwriters Laboratories (708)272-8800 or the IEEE Office at (708)963-3828.

Make your plans now!

IEEE'S ELECTRONIC MAIL SYSTEM RECEIVES A WELCOME ADDITION

There is a new electronic service from IEEE for announcing future meetings. The first batch came from the IEEE Standards Department with the following items:

ELECTRONIC POWER SUPPLY SYSTEMS (Modifications & Upgrades in Nuclear Power Generating Stations)
2-Day IEEE Standards Seminar on April 22-23, 1991 in Denver, CO

TOKEN RING DESIGN & INSTALLATION (based on IEEE 802.5 Standard)
April 10, 1991 in Washington, DC or May 8, 1991 in Dallas, TX

POSIX OPEN SYSTEMS FRAMEWORKS & PROFILES (based on an IEEE standard)
2-Day Standards Seminar on April 29-30, 1991 in San Diego, CA or June 10-11, 1991 in Washington, DC

DESIGN, INSTALLATION, OPERATION & MAINTENANCE OF LARGE
STORAGE BATTERIES FOR STATIONARY USE
April 24, 1991 in Denver, CO

HUMAN FACTORS ENGINEERING AT NUCLEAR POWER GENERATING STATIONS
2-Day IEEE Standards Seminar on April 22-23, 1991 in Denver, CO

PLANNING, DESIGN, OPERATION, MAINTENANCE, & PROTECTION OF INDUSTRIAL & COMMERCIAL POWER SYSTEMS
3-Day IEEE Standards Seminar on April 15-17, 1991 in Chicago, IL

Further details are available at 1-800-678-IEEE by asking about the Standards Seminars.

Stay tuned for future announcements when IEEE distributes them by electronic mail, but you have to urge your individual IEEE Societies and Conference Organizers to provide them to our Piscataway gateway.

Joe Feitler

— INVITE YOUR FRIENDS AND BUSINESS ASSOCIATES

IEEE RECOGNITION DINNER - 1991

DATE: SATURDAY, APRIL 27, 1991

PLACE : EMBASSY SUITES HOTEL
6501 NORTH MANNHEIM ROAD (AT HIGGINS),
DES PLAINES, IL

TIME : 6:00 PM — COCKTAILS & HORS D'OEUVRES
7:00 PM — DINNER, FOLLOWED BY PROGRAM

TICKETS: DONATION — \$30.00 PER PERSON

PRESENTATION OF AWARDS BY CHICAGO SECTION

1991 IEEE Fellow Awards

Barry N. Feinberg Gerald L. Gottlieb Ravinder K. Jain Charles J. Robinson Mauro J. Walker	(Center for Engineering Analysis Co.) (Rush-Presbyterian Medical Center) (Amoco Research Center) (Rehabilitation Ctr, Hines VA Hospital) (Motorola, Inc.)
---	---

1991 Student Awards 1991 Student Advisor Awards
(Names to be announced)

1991 Section Awards to Industry (Honorees to be announced)

THE SOCIAL SCENE

ENTERTAINMENT SPECTRUM — a show to dazzle you

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1991 RECOGNITION DINNER COMMITTEE MEMBERS:

Chairman	— Henry Korman, Gentry Technologies
Vice Chairman	— Frank Lakowski, United Chemi-Con Inc.
Secretary	— Jim Barrett, MacGregor & Co.
Treasurer	— John Waters, Waters Associates, Consultants
Arrangements	— Gene Golemo, Motorola, Inc.
Entertainment	— Ray Schulenberg, Motorola, Inc.
Tickets	— Joseph Feitler, Interactive Systems Corporation
Solicitations	— Sheldon Isenberg, Northrop Corporation, DSD (Chairman)
	— John Ellis, Motorola, Inc.

PLEASE ORDER YOUR TICKETS (at \$30 per person)

- by mail — Joe Feitler, Box 72, River Forest IL 60305 (no later than April 23, 1991)
- by phone — Joe Feitler at ISC: (708) 505-9100, x277 (no later than April 24, 1991)
- Please tell us about your groups — We will have tables seating 10 people)
- You may request a fish or vegetarian dinner no later than April 24, 1991