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Official Publication of the Chicago Section • Institute of Electrical & Electronics Engineers • FEBRUARY 1992



TIME SENSITIVE MATERIAL

CALENDAR OF EVENTS

For reservations please call IEEE Office at (708) 963-3828 before the stated deadline
Copy Deadline for March SCANFAX is January 28, 1992

February 3 Monday	Antennas & Propagation/ Microwave Theory & Techniques Societies	Electromagnetic Chirality Overview	Atrium Restaurant 3223 Algonquin Road Rolling Meadows, IL	Social: 5:30 PM Dinner: 6:30 PM Meeting: 7:30 PM
February 11 Tuesday	Chicago Section	Executive Committee	Contemporary Controls 2500 Wisconsin Downers Grove, IL	Meeting: 7:15 PM
February 12 Wednesday	Power Engineering Society	Fossil Power Plant Scrubbers	The Flame 803 Joliet Road Lagrange, IL	Social: 6:00 PM Dinner: 7:00 PM Meeting: 8:00 PM
February 20 Thursday	LEOS	Molecules as Devices: Picosecond Optical Switching Systems	Jerry Sharko's Restaurant 2225 Ogden Ave. Lisle, IL	Social: 6:00 PM Dinner: 7:00 PM Meeting: 8:00 PM
February 25 Tuesday	Fox Valley Subsection/ Automotive Engineers Society/ Vehicular Technology Society	IVHS & In-Vehicle Route Guidance	Wilton Manor 2200 Main Street Wheaton, IL	Social: 6:00 PM Dinner: 7:00 PM Meeting: 8:00 PM
February 26 Wednesday	Computer Society	EMS/SCADA Systems	Commonwealth Edison Co. 1N301 Swift Road Lombard, IL	Presentation: 6:30 PM

"PROJECT MANAGEMENT '92" WIDENS ITS SCOPE

This conference, entitled **MANAGING CHANGE - CHICAGO '92** now will include IEEE Regions within an approximately 500 mile radius of Chicago. We plan to target IEEE Sections in Regions 3 and 7 in addition to our Region 4 for this event scheduled for May 7-9, 1992 at the Drake Hotel in downtown Chicago.

The (tentative) topic tracks will have *Action Titles* with the italicized key words:

<i>Managing Delay, Disruption, Change</i>	<i>Quality and Reliability</i>	<i>Management Resources</i>
<i>Managing Government Projects for the 90's</i>	<i>Managing International Projects</i>	<i>Managing Information</i>
<i>Project Management Training</i>	<i>Education/Certification</i>	<i>Vendor Presentations</i>

The Keynote Speaker will be HERB COHEN, a former Skokie resident, who will present "YOU CAN NEGOTIATE ANYTHING." Herb is a well-known expert in negotiation management and has served as a consultant to the Carter and Reagan administrations on sensitive international events.

If you want to give a technical talk, or if your company want to set up an exhibit booth, then call the PM'92 business office at (708) 963-4002.

Welcome and congratulations for October
53 new STUDENT MEMBERS, 32 Computer Society
AFFILIATE MEMBERS.

17 new MEMBERS:

Curtis A. Bendell	Himanshu Pant
Alan H. Brandau	Warren J. Packard
P. Dave	Thomas M. Repede
Daniel C. Fain	Willie Smith
William J. Fenske	Craig A. Steffen
David Han	Howard R. Strauss
Jack James	Raju J. Vengalil
S. Obha	Joseph C. Weibler
David R. Pacholok	

5 advanced to SENIOR MEMBER:

Mark J. Fimoff	Hisa Ishigami
David A. Dini	Robert S. Hogleund
Charles A. Borchert Jr.	

SCANFAX DEADLINES

ISSUE	COPY DUE	MAILED ON
MAR	JAN 28	FEB 15
APR	FEB 25	MAR 15
MAY	MAR 25	APR 15
JUNE	APR 28	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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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.



SPEAKER: Mr. Peter Guletsky
Senior Mechanical Project Engineer
Sargent & Lundy Engineers

TOPIC: Fossil Power Plant Scrubbers

ABSTRACT: The passage of the Clean Air Act Amendments in 1990 has required U.S. electric utilities to develop comprehensive compliance plans to reduce sulfur dioxide emissions at fossil-fired power plants. One strategy available to utilities involves retrofitting flue gas desulfurization (FGD) or scrubbers. This presentation will review the basic process and some of the design characteristics of current and future FGD technologies.

BACKGROUND: Mr. Guletsky has been actively involved in the air quality control field for thirteen years where he has held positions in process engineering and troubleshooting, R&D, and as a product manager. He received his B.S. and M.S. degrees in chemical engineering from Tufts University, and is a registered professional engineer.

PLACE: The Flame
LaGrange, IL

DATE: February 12, 1992

TIME: 6:00 Cash Bar, 7:00 Dinner, 8:00 Speaker

Reservations must be made by noon, Monday, February 10, 1992 by calling (708)963-3828. Please leave name(s) and company name. Dinner is \$16.50.

JOINT CHICAGO CHAPTER OF IEEE ANTENNAS AND PROPAGATION SOCIETY AND MICROWAVE THEORY AND TECHNIQUES SOCIETY

FEBRUARY 1992 MEETING NOTICE

Almost All You Wanted to Know About Electromagnetic Chirality

Presented by
DR. DWIGHT L. JAGGARD
IEEE FELLOW

Recently, attention has been focused on *electromagnetic chirality*, its application to microwave and mm-wave structures, coatings and devices, and to chiral material synthesis. To appreciate the underlying principles and explore further applications, some of the fundamental interactions of EM waves with chiral media are shown. A variety of canonical problems are examined involving wave propagation through, scattering from and guiding by chiral structures.

In chiral materials, the extra degrees of freedom afforded by the chirality admittance ξ_c introduce several notable features in EM and optical wave propagation, radiation, scattering and absorption. Of interest are applications to RCS coatings, polarization diverse arrays, couplers and other microwave, mm-wave and photonic devices. Salient features and novel applications are emphasized.

DATE:	Monday, February 3, 1992		
PLACE:	The Atrium Restaurant	1st exit north of I-90 off of Rt. 53	
	3223 Algonquin Road	1/4 mile east on Rt. 62, Algonquin Road	
	Rolling Meadows, IL		
TIME:	Social 5:30 PM	Dinner 6:30 PM	Meeting 7:30 PM

Please make your reservations by noon on Friday, January 31, by calling (708) 963-3828. The dinner costs \$22.00 and is optional. Reservations are requested, even in you plan to attend the meeting only. Non-IEEE members are welcome.

A SPECIAL NOTE FROM OUR SCANFAX EDITORS

We have just received a letter with a two-page attachment which is addressed to all Newsletter editors. Since its sheer size prevents its inclusion without cutting it severely and still preserve its intent, interested Section members may request a copy from our Chicago Section's business office about this proposed change in U.S. Activity Board (USAB) funding. A brief summary follows, with direct quotations from his material.

Dr. S. H. Durrani (a Past IEEE Director, a former President of the Aerospace and Electronic Systems Society, a Past Chairman of the Washington Section, a past member of the USAB and of many of its Committees, and a recipient of USAB's Citation of Honor in 1980) suggests a "fresh look at how we fund and operate our professional activities."

He is asking for our opinion on the following Constitutional Amendment: "The mandatory membership dues and regional dues shall be used primarily to provide basic membership services. Additional dues to promote special interest activities in technical and professional fields shall be voluntary."

"USAB has an annual budget of about \$ 3.5 M, primarily funded through a \$ 20/member mandatory Regional Assessment from all US members (Region 1-6)." "... IEEE does not have a mandatory assessment to support Technical Activities -- even though these are also in the charter and are our primary mission." ... "Most of USAB's \$ 3.5 M budget goes to support pet projects perceived to be important by a few "Central Planners," but which do not result in valuable products or measurable benefits." ... "When Professional Activities really reflect the members' needs and their priorities, they will attract members in large numbers. And these members will be happy to pay \$ 15 or \$ 20 more for the privilege to join a Professional Society on say Pensions or Career Development, just as they do to join a Technical Society on say Computers or Communications."

So if this very brief summary does arouse your interest, please request a copy of this thought-provoking letter.

Jim Carroll, Editor Joe Feitler, Associate Editor

IEEE STUDENT ACTIVITIES

The Chicago Chapter of IEEE Student Activities Committee is proud to be a sponsor of Discover 'E' for National Engineers Week February 16-22, 1992. Our goal is to have as many engineers as possible participate.

This program combines experiments, word problems and engineering experience. Previous experiences have shown that this approach entices students to think logically and creatively enabling them to compete in problem solving techniques.

Reports have shown that children in our schools receive some of the lowest test scores in technical courses. Our country will not be able to keep up technologically in the future without properly trained scientists and engineers.

Now is the time for something to be done. The Discover 'E' program benefits both teachers and students by highlighting the excitement and satisfaction of an engineering career.

Please encourage engineers in your company to participate in this program and help shape the future of the engineering profession. If you do not handle this type of request for your company please forward this letter to the appropriate person.

Anyone interested in participating in this program may contact me at:

Commonwealth Edison Co.
System Electrical Engineering Dept.
P.O. Box 767-Rm 836E
Chicago, IL 60690
(312)294-2854

Julie A. Morrow
Vice-Chair IEEE Student Activities

IEEE CHICAGO SECTION - SCANFAX PLACEMENT SERVICE

The Chicago Section provides a free placement service for its *unemployed* members of Member Grade or above. If you want additional information about the applicants listed below, contact our section's business office.

(If marked "confidential", our office will inform this applicant about the prospective employer's inquiry).

No.	Description
257	PHD EE - 15 years in semiconductors, fibers, coatings, electro-optics. Strong technical record in R&D.
258	BSEE - Electrical/Electronic engineering or technical position. Excellent analog and software skills.
259	BSEET - 2 years civil experience. Entry level power distribution design career opportunity.
260	MSEP - Real time systems, advanced automation, process control. Excellent track record.
261	PHD ME - 15 years experience. Seeks electronic packaging opportunity.
262	BS Engineering - Plant Manager. Can develop people/ organizations toward world class stature. SPC, QC Circles, JIT.
263	MSEE - 20 years experience. High Power Microwave, RF, Switching PS. Project & Department manager R&D. Small Company experience.
264	Seeks management/consulting position in a scientific/engineering computing environment.
265	BSEET - Technical instructor/writing with 8 years experience. Computer systems support, microprocessor assembly language.
266	MSEE - 33 years with design & development engineering/management experience. Robotics/automation. Spec., vehicles. Analog/digital. Programmable controls.
267	PHD Physics - 9 years experience III-V semiconductors. Seeks problem solving/development position.

THE COMPUTER SOCIETY CHAPTER OF IEEE'S CHICAGO SECTION INVITES YOU TO VISIT COMMONWEALTH EDISON'S SYSTEM POWER SUPPLY OFFICE

WEDNESDAY, FEBRUARY 26, 1992 - 6:30PM to 9:00PM

PLEASE CALL FOR RESERVATIONS AT 708 963-3828 BY FEBRUARY 24, 1992

*** DUE TO MEETING SPACE LIMITS WE CAN ACCEPT ONLY 30 RESERVATIONS ***
**** IEEE MEMBERS WILL HAVE PRIORITY OVER GUESTS AND NON-MEMBERS ****

Program:

"Commonwealth Edison (CECo) serves more than 3 million customers and an estimated population of 8 million in the Northern Illinois service area of 11,525 square miles that includes one-fifth of the State's area and about 70% of the State's population. Outside Chicago CECO serves more than 2 million customers in almost 400 other incorporated communities extending into 25 counties.

"Owned net generating capability as of Dec. 31, 1990, was 22,522 mW, supplied by 10 fossil and 6 nuclear plants plus peaking units at nine sites. Fossil generating capacity, predominantly coal, totals 9,703 mW; nuclear is 11,487 mW; peaking totals 1,332 mW. The record Peak load is 17,459 mW set on August 17, 1988 with a 2% expected annual growth from an 1991 estimated peak load of 17,600 mW. In 1990, 79.1% of Edison's generation came from nuclear (over 65 billion kilowatthours), 20.0% from coal, 0.3% from oil and 0.6% from natural gas. Commonwealth Edison's nuclear capacity is larger than any utility's in the United States -- 11.4% of the nation's total nuclear capacity.

"System Control Responsibility for CECO is divided into two distinct parts, six regional Division Power Supply Offices for Supervisory Control And Data Acquisition (SCADA) functions, and System Power Supply, centrally located adjacent to the Western Division headquarters, for Energy Management System (EMS) applications. The SCADA consist of supervisory control and power system monitoring from 765 kV to 12 kV. The EMS consists of generation scheduling and control, interchange evaluation and scheduling, production costing, and transmission system security and coordination." (excerpt from article written by Dave Hansen, et. al., *Electrical World*, May, 1991)

We plan to describe how the EMS/SCADA systems operate, what skills the software team has, and how we made the transition from software maintenance programmers to leaders of industry design and development for these real-time control systems. We will show you the LAN/WAN technology currently in use and planned. You will also see the ComEd Power System Dispatchers in action, providing the commands that maintain the electric generation level meeting the demands of our customers.



Commonwealth Edison Co.
System Power Supply Office
1N301 Swift Road
Lombard, IL 60148-1452
(708)691-4747

Directions:

From the intersection of I-355 and Route 64 (North Ave.) which is near Lombard, Glen Ellyn, and Glendale Heights, proceed West on Route 64 for 0.5 miles to the first traffic light at Swift Road. Drive South on Swift Road 1 mile to the Commonwealth Edison complex. Immediately South of the Western Division headquarters employees' parking lot on the East side of Swift Road you will find the two-story concrete System Power Supply building. Enter the main door and push the door bell for admittance.

When:

February 26, 1992. We welcome you to arrive beginning at 6:30 pm. The first presentation will begin as soon as 10-15 people arrive. The final presentation will begin at 7:00 pm. We will conclude at about 9:00 pm, but will stay longer if there is sufficient interest.

About the presentation team:

Dave Hansen - Supervisor of the Electric Power Group of programmers for the Energy Management and Supervisory Control And Data Acquisition development team. He has been with ComEd since 1968, and with the EMS/SCADA group since its inception in 1972.

Dennis Friend - Lead designer for the EPG, with ComEd since 1967 and the EMS/SCADA since 1972.

John Zeller - Senior Systems Analyst responsible for much of the economic analysis software.

Ray Rathsam - Senior Systems Analyst responsible for the Electronic Generation Control software.

Dave Maskeri - Systems Analyst responsible for the ethernet LAN and X.25 WAN currently in use at this and the connecting facilities.

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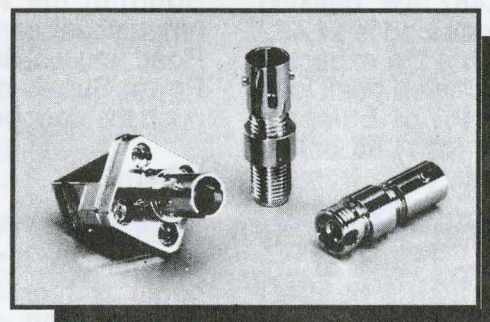
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IEEE

LASERS AND ELECTRO-OPTICS SOCIETY



Topic: Molecules as Devices: Picosecond Optical Switching with Electron Donor-Acceptor-Donor Compounds

Date: Thursday February 20, 1992

Speaker: Dr. Michael P. O'Neil
Research Scientist, Center for Fast Kinetics
The University of Texas at Austin

ABSTRACT: The photophysics of a molecular optical switch will be described. The implications of using single molecules as components capable of performing logical operations will be discussed.

Dr. O'Neil is currently a research scientist at the Center for Fast Kinetics at the University of Texas at Austin. His principle expertise lies in the field of ultra-fast optical spectroscopy. The research described was performed while he was a postdoctoral fellow at Argonne National Laboratory, working in the laboratory of Dr. Michael Wasielewski. He holds a B.S. and a Ph.D in physical chemistry.

Jerry Sharko's, 2225 Ogden Avenue, Lisle, Ill

Social:	6:00 p.m.	Cash Bar
Dinner:	7:00 p.m.	\$14 per person, \$7 for students
Technical Presentation:	8:00 p.m.	No Charge

Entree choices are Coq Au Vin or Lake Perch. Advanced dinner reservations should be made by calling the IEEE Chicago Message Center at (708) 963-3828 by 5:00 p.m. on Tuesday February 18, 1992. For additional information, contact Bob Novotny at (708) 713-5419.

FOX VALLEY SUBSECTION

in a joint meeting with
SOCIETY OF AUTOMOTIVE ENGINEERS
and

THE RECENTLY-FORMED VEHICULAR TECHNOLOGY SOCIETY

TOPIC: IVHS and In-Vehicle Route Guidance
DATE: Tuesday, February 25, 1992
SPEAKER: Richard J. Weiland
Vice President - Corporate
SEI Information Technology
PLACE: Wilton Manor, 2200 N. Main St., Wheaton, IL 60187
TIME/COST: Social: 6:00 p.m. Cash Bar
Dinner: 7:00 p.m. \$14.00
Students with ID: \$11.00
Speaker: 8:00 p.m. Free*

RESERVATIONS: Call (708) 963-3828 to make reservations for Dinner and/or Meeting, by Thursday, February 20, 1992. Casual attire appropriate, as always.

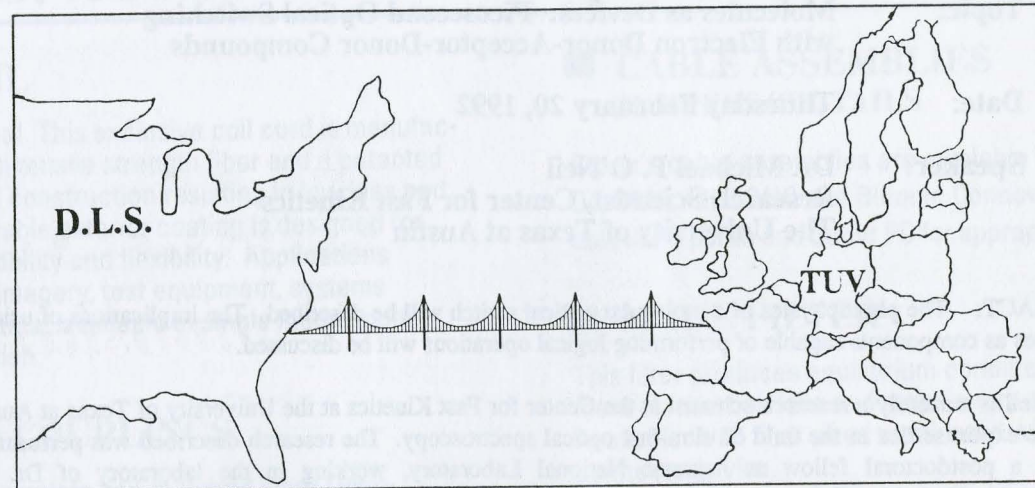
TECHNICAL QUESTIONS: Direct questions about topic or speaker to Dave Schumacher at (708) 224-6471.

New/prospective members of Vehicular Technology Society are cordially invited.

ABSTRACT: Traffic congestion continues to increase, but the roads are essentially all built. The new approach to increasing mobility, decreasing congestion, enhancing safety, and minimizing environmental impact is Intelligent Vehicle & Highway Systems (IVHS) - the application of computers, electronics, and communications to manage vehicles on the roads. This talk will provide an overview of IVHS and then focus on a particularly promising near-term IVHS application: in-vehicle route guidance systems in which sensors, on-board computers, and digital maps combine to help drivers plan and follow accurate, efficient routes to their destinations.

NOTES: * 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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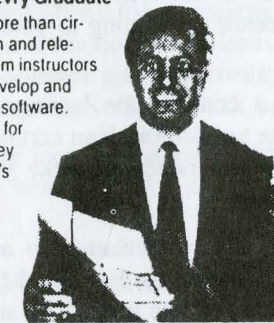
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Welcome and congratulations for November

13 new STUDENT MEMBERS, 25 Computer Society AFFILIATE MEMBERS.

15 new MEMBERS:

Syed S. Ali
Deborah J. Grelewicz
Susan M. Kent
Robert D. Lithgow
James P. O'Donnell
Thomas J. Stepek
Thomas T. Clark
Thomas J. Sublewski

Robert R. Carrington
Michael S. Cruz
Scott E. Lindsey
Tony M. Mann
Felix D. Rosario
Kenneth D. Simpson
Louis D. Schornack

6 advanced to SENIOR MEMBER:

John E. Becker
Sheldon L. Epstein
Larry L. Wear

Peter K. Cencer
Frank D. Straka
Gregory V. Welch

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Loews Anatole Hotel
- **Chicago** May 4-5
Radisson Suite Glenview
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Hyatt Regency Alicante

The **EMC 1992 Symposium** is a two day seminar featuring a panel of experts, from Germany and the United States, in the field of European Community (EC) Electromagnetic Compatibility (EMC) testing and the EMC requirements for 1992.

They will focus on the new immunity (susceptibility) standards and the implementation of European Community directive 89/336/EEC.

Symposium participants will gain an increased awareness of the European EMC rules, regulations and their impact on U.S. companies exporting to Europe.

The sessions combine tutorial presentations with open forum panel discussions where questions are encouraged.

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"GROUPWARE", A New (?) Office Automation Tool

All of us are being confronted by "Groupware", a new buzzword for generating a work product resulting from the cooperative effort of a series of professionals and/or office workers with the aid of a sophisticated computer technique. Here are some recent examples:

- When you receive a monthly statement from your credit card company, each of the posted transactions (except your current balance and any finance charges) result from individual purchase reports which correspond to your charge slips; also most correspondence responding to your queries will be generated by Groupware.
- Consider a law firm preparing a complicated will, a contract for buying or selling your house or condominium, or a purchase agreement for a corporate acquisition. You certainly expect these lawyer to take advantage of all of the firm's previous relevant experience to make your document the best at reasonable cost.
- Think of the sequence of steps needed to prepare a sales presentation to a prospective client which requires a series of 35mm slides or "overheads" which should be assembled from the available ones, in addition to some new material for which you just discovered the need. You surely would like to review any available slides for relevancy to organize your presentation and before making new ones, just to save time and to avoid "reinventing the wheel".
- You are about to undergo a minor surgical procedure as an outpatient and would like to get the results as soon as possible, preferably before leaving this medical facility and while the doctor's opinion is still fresh, instead of waiting for the transcription of the dictated findings. One of our major local hospitals has started using "Groupware" for this very application during the past several months.

While many of the necessary computer science techniques needed for these office automation schemes have been available for several years, their efficient and cost-effective combination into a finished work product on a real-time basis has become truly practical as the managerial tool called "Groupware". Recently, this term has appeared at a progressively increasing frequency in the media and in the technical literature:

- "Computer Chronicles" on Saturday, December 21, 1991 (6:30AM - 7:00AM on WTTW, Channel 11 in Chicago) discussed "Groupware"; they demonstrated the preparation of a sales presentation as a collaborative effort using slides stored in a database, among other examples.
- "Groupware Research and Technology Issues with Applications to Software Process Management", July/August 1991 issue of IEEE's Transactions on Systems, Man, Cybernetics (pp 704 - 713); contains an excellent explanation of the essential "Groupware" concepts.
- "Plugging the Gap Between E-Mail and Video Conferencing", New York Times, (pg 9 of the Business Section for Sunday, June 23, 1991) cited Aspects, a new Macintosh software product

as one of the newest entries for "collaborative computing" or "groupware." The goal of this kind of software is to make it possible for widely dispersed people to participate jointly on a common problem.

- "Where Is Groupware?", Network Computing, November 1991 (pp 53 - 64)
- "How We Evaluated Groupware Vendors ... And Failed", Network Computing, November 1991 (pp 65 - 67)
- "Groupware '92 Announced First Commercial Groupware Conference", appeared in the netnews groups "comp.groupware" and "comp.software.eng" on November 19, 1991 as a press release; this conference is sponsored by Lotus Corporation and Stanford Research Institute (SRI); it will be held August 3 - 5, 1992 at the San Jose Convention Center in San Jose, CA.

In many case, "e-mail" (see the December 1991 issue of SCANFAX) becomes a vital building block for "Groupware". So "stay tuned" for further information. If you are really curious now, contact Joe Feitler at INTERACTIVE Systems Corporation in Naperville, IL at (708) 505-9100, X277. We expect to hear much more about this topic which seems to offer so much future promise in office automation techniques that will affect our daily lives and livelihoods.

A REQUEST TO OUR CHICAGO SECTION MEMBERS FROM YOUR EXECUTIVE COMMITTEE

Our IEEE Answering Service ("Secretarial Unlimited") reminded us recently that most of our tours have been a source of serious disappointment when the attendance limit exceeded the demand. Therefore we want to ask all of our tour organizers to consider multiple tours on different days and/or at different times if too few of our 7000 members can be accommodated for a single tour. Our Computer Society Chapter attempted to prevent this problem by giving members priority over guest/non-members when signing up. We also cannot prevent significant differences between SCANFAX's arrival dates at our members' IEEE addresses since all copies reach the Glen Ellyn Post Office at the same time.

Therefore we solicit your helpful suggestions for minimizing these regrettable incidents, without discouraging most of these tours since our hosts normally impose these restrictions for reasons such as space, security considerations, staff availability, working hours suitable for facility visits, minimum advance notice intervals; of course, our published deadlines for submitting meeting notices also add to these limitation so that you may receive SCANFAX before the month end preceding a tour or other IEEE event.

If you want to offer any constructive idea, please send, phone, or FAX them to the IEEE office; see page 2 for the address and phone numbers. Thanks for your help to make it easier for our Answering Service to handle our Section members' tour reservations.

Jim Carroll (Editor) and Joe Feitler (Associate Editor)

IEEE PROFESSIONAL COMMUNICATIONS CHAPTER TO SPONSOR STUDENT PAPER CONTEST

PCs's "transnational" Administrative Committee has challenged the Chicago Section's Student Chapters with a new Student Paper Contest by offering to pay \$300 for the monetary awards; let me quote from the PCS Chapter News dated 12/19/91, "Remember, students are the future lifeblood of IEEE, give them the support for such worthy events."

Since our local Engineering Management/Professional Communications Chapter could not resist this temptation, our hard-working Student Activities Chair Mary Hart will set the "ground rules" quickly for this valuable contest; the awards will be presented at the 1992 Chicago Section Recognition Dinner.

We invite every single IEEE student chapter member to compete and gain some really worthwhile experience needed for building your incipient careers. There will be no losers in this contest, even if some of you don't win an award in this contest.

Thank you, PCS Adcom and PSC Chapter Coordinator Dave Kemp.

Joe Feitler, Chairman Chicago Chapter - Engineering Management/ Professional Communications

PREPARING FOR THE ENGINEERS' WEEK ACTIVITIES AT IIT-WEST ON FEBRUARY 21 AND 22, 1992

Representatives from more than a dozen professional Engineering and Scientific Societies, including IEEE, have joined forces to prepare an exciting Engineers' Week program for area students at the IIT Rice Campus in Wheaton (located just northeast of the "Danada East" Shopping Center). The festivities will include speakers, demonstrations, interactive presentations, exhibits, and student contests on Friday and Saturday, February 21 and 22, 1992.

One of the IEEE contributions involves the idea/structure for Friday's student contest which is designed to spark their imagination, ingenuity, and team spirit. It is sure to be fun for all!

While being educational, entertaining, even fun, the purpose is to show the diversity of the various engineering fields and how they impact each individual's daily life. Hopefully, we will fuel our students' interest in mathematics/science/engineering studies and careers.

We expect to welcome about 600 students from 19 area schools, many parents, and our own members and their families. We also want to ask our really dedicated members to join us as IEEE's guides and hosts by calling Ruth Sweetser at IIT ASAP at (708) 682-6020. She will also accept your reservation for welcoming your own "budding scientist" of Junior High and High School age.

Dorene L. Lehner

EIGHTH ANNUAL
DUPAGE AREA
ENGINEERS' WEEK PROGRAM
ENGINEERING: IT'S EVERYWHERE

Daniel F. and Ada L. Rice Campus
Illinois Institute of Technology

Saturday, February 22, 1992
12:00 P.M. to 4:00 P.M.

201 East Loop Road
Wheaton, IL 60187
708/682-6000

FEATURING

Hands-on Demonstrations Linking Today's Creative Technology
with Math and Science
Fun Contests, Awards, Displays
Exciting Presentations, including
"Project Phoenix"

IEEE RECOGNITION DINNER — 1992

DATE : SATURDAY, MAY 2, 1992
PLACE : WOODFIELD HILTON & TOWERS (LAKE MICHIGAN ROOM)
3400 W. EUCLID AVENUE, ARLINGTON HEIGHTS, 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 THE CHICAGO SECTION

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

by mail — Joe Feitler, Box 5072, River Forest, IL 60305 (no later than April 25, 1992)
by phone — Joe Feitler at ISC: (708) 505-9100, x277 (no later than April 27, 1992)

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 27, 1992