

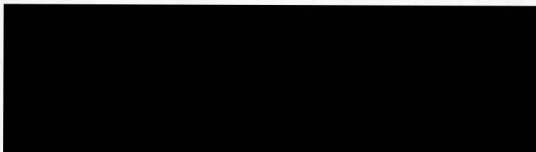


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Official Publication of Chicago Section • Institute of Electrical & Electronics Engineers • JUNE 1993



## TIME SENSITIVE MATERIAL

### CALENDAR OF EVENTS

For reservations please call IEEE Office at (312) 236-4333 before the stated deadline

The meeting details are stated in their relevant announcements inside

|                                               |                                          |                                                                     |                                                                     |                                                          |
|-----------------------------------------------|------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------|
| June 8,9 & 10<br>Tuesday through Thursday     | IEEE Consumer<br>Electronics Society     | International Conference on<br>Consumer Electronics (ICCE)          | Westin Hotel-O'Hare<br>6100 N. River Road<br>Rosemont, Il.          | Call for Details<br>(716)392-3862                        |
| June 8<br>Tuesday                             | Chicago Section                          | Executive Committee                                                 | Westin Hotel-O'Hare<br>6100 N. River Rd.<br>Rosemont, Il.           | Meeting: 7:30 PM                                         |
| June 9<br>Wednesday                           | EMC Society                              | A Comparison on<br>ANSI C63.4-1991, ANSI C63.4-1992<br>and FCC MP-4 | AT&T Bell Laboratories<br>2000 N. Naperville Rd.<br>Naperville, Il. | Social: 7:15PM<br>Meeting: 7:30PM                        |
| June 10<br>Thursday                           | Power Electronics<br>Chapter             | An Update on<br>IGBTs                                               | DeVry-DuPage<br>1221 N. Swift Rd.<br>Chicago, Il.                   | Social: 6:15PM<br>Tour: 6:45PM<br>Meeting: 7:00PM        |
| June 28 & 29<br>Monday and Tuesday            | Chicago Section and<br>The Lendman Group | IEEE Technical<br>Career Fair                                       | Radisson Suites Hotel<br>5500 N. River Road<br>Rosemont, Il.        | Hours: 3:00PM-8:00PM<br>Call fo Details<br>(804)473-2480 |
| August 25,26 & 27<br>Wednesday through Friday | IEEE Control<br>Systems Society          | International Symposium on<br>Intelligent Control                   | Knickerbocker Hotel<br>163 E. Walton<br>Chicago, Il.                | Call for Details<br>(219)239-5792                        |

### UNOFFICIAL ELECTION RESULTS

The Chicago Section's Nominating Committee chaired by John Truitt just reported the following election results informally (prior to their official report at the May 11, 1993 Adcom meeting) to meet our SCANFAX publication deadline.

The Committee received 74 ballots on a timely basis, 3 of which were deemed invalid; 3 more ballots arrived after the deadline and were not opened. According to John, a majority of votes were cast for the candidates; the exact number of votes for each candidate (and write-in) will appear in the Committee's report.

The names of the duly elected Chicago Section Officers and Executive Committee Members for the 1993-1994 term (starting July 1, 1993) are as follows:

| OFFICE                   | NAME            | OFFICE              | NAME           |
|--------------------------|-----------------|---------------------|----------------|
| Chairman:                | Len Cohen       | Vice-Chairman:      | Ed Capouch     |
| Treasurer:               | Jack Sherman    | Secretary:          | Tom Jurgens    |
| Member Services:         | Mary Leatherman | Publications:       | Jim Carroll    |
| Professional Activities: | John Waters     | Conferences:        | Frank Heffley  |
| Program:                 | Bob Camillone   | Student Activities: | Mary Hart      |
| Finance:                 | Don Reynolds    | Special Events:     | Frank Lakowski |
| Awards:                  | Carl Kannewurf  |                     |                |





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## A RECENT SUCCESS STORY FOR OUR COMMUNICATIONS AND COMPUTER SOCIETY CHAPTERS

On March 27, 1993 the Chinese Academic and Professional Association in Mid-America (CAPAMA), Motorola, our local Communications and Computer Society Chapters, Argonne National Laboratory, the University of Illinois at Chicago, Chicago State University, and some other professional organizations were the joint sponsors of the *9th International Conference on Advanced Science and Technology (ICAST'93)*. About 200 attendees came to this event to hear two keynote speakers, followed by 3 presentation sessions comprised of 6 parallel tracks. Our Chapters helped to organize this Seminar, provided several chairpeople for the tutorial and workshop sessions, and publicized the event. The Seminar provided written Proceedings with an ISBN number (that is, registered with the Library of Congress) and even earned professional education attendance credit for at least two major local firms; several local graduate students had the special opportunity to present their thesis work as "refereed papers" without travel expense. The unusually low attendance fees became practical due to the facility and financial support from Motorola and the Science Division of CCNAA.

The early consensus among the Seminar organizers and attendees was that we should forward to continuing this cooperative effort between industry, the academic world, and IEEE in the Chicago area in the very near future.

Janusz Hyziak, Chairman  
Communications Society Chapter

Joe Feitler, Acting Chairman  
Computer Society Chapter

## CHICAGO SECTION CENTENNIAL CELEBRATION

On October 9, 1993 the celebration of 100 years of electrical engineering will culminate at the **MUSEUM OF SCIENCE and INDUSTRY**. The activities that begin at 6:00 PM include:

- *Reception in Centennial Exhibit Area where refreshments and hors d'oeuvres will be served.*
- *A display on the history of engineering in Chicago.*
- *Dinner in Rosenwald Court/rotunda with piano Dinner music.*
- *Comments by IEEE and industry dignitaries. A presentation by the Museum on the Columbian Exposition.*
- *A tour of three exhibits.*

IEEE members, associates, spouses, students, all are welcome to enjoy this Centennial celebration. A special issue of Scanfax, September issue, will commemorate with many interesting articles, the history of Chicago engineering and our Institute's activities.

Chicago Section Centennial Celebration Committee



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APPLICATION OF A MAGNETIC FIELD PLUS MOTION IN ONCOLOGICAL THERAPY

William C. Laube, BS in Electrical Engineering (IEEE Life Member)

A paper in the 1969 *Proceedings of the National Electric Conference* (pp 265-269) by George D. Summers stated that, within the human body, the white blood cell ("lymphocytes") have a negative electrical charge on their surfaces. Similarly, cancer cells were also found to have negative charges on their surfaces. According to this paper, this seems to indicate that one of the reasons that the disease-conquering system of the human body does not overcome – or eliminate – cancerous growths is that the negative charges repel each other as we know from the principles of electricity; and, therefore, the white blood cells do not attack the cancerous cells (see Figure 1).

Such an observation should be verifiable experimentally, but should also be checked against the later discoveries and developments in the medical field. Some of them were discussed quite well in an issue of the *National Geographic Magazine* in Peter Jaret's article ("The War Within", Volume 169, No. 6 in June 1986 on pp 702-734). In particular, pages 724, 725, and 734 are especially pertinent. Assuming that the cited observation would be verified by further research in a reputable medical laboratory, some additional investigation could continue on applying this concept to cancer therapy according to the methods and principles described here.

Some attempts to apply a magnetic field to rats after receiving cancerous grafts were made in France a number of years ago; some limited success in achieving remission was report (Ref. 1, pg 268). However, no observations or control of the motion of the subjects with respect to the magnetic field was cited.

In a situation involving cancer the basic principle of electric generation could be applied: Using the "left-hand rule" where a magnetic field, physical motion, and the resulting motion of the electrical charges are mutually perpendicular to one another, the charges on each of the cells might be caused to move to one side of the individual cells as shown in Figure 2. Thus the "white cells" should not only discover the cancerous cells, but may be even attracted to them and destroy them. (The comments in the *National Geographic* article imply that this may be possible.)

Hence, if a device can be constructed to apply a heavy magnetic field through the human body (without causing any injurious side-effect), the intensity of this field could be set up to a few hundred Oersteds across a human body containing a large tumor on a movable table, then both the motion and the magnetic field could be applied simultaneously. This arrangement would supply all the proper components to produce an "electrical generator". Such an experimental device would have to be implemented by a team of competent biomedical experts in order to produce meaningful observations and measurements.

A fairly intense DC magnetic field would be needed, as well as controllable motion for the patient at a suitable, but non-hazardous, speed of rotation. This combination would produce a "dipole-like charge" within the individual cells for both the cancerous and white cells (as suggested by Mr. Summers); this would eliminate the repulsion forces and encourage the body's ability to overcome the cancer. There seemed to have been an inadvertent use of this mechanism where the magnetic field and the motion of the blood interacted by generator action. In the absence of motion, no consistent beneficial results would occur due the use of the magnetic field only. But if the blood contained cancerous cells, this combination could show some beneficial results.

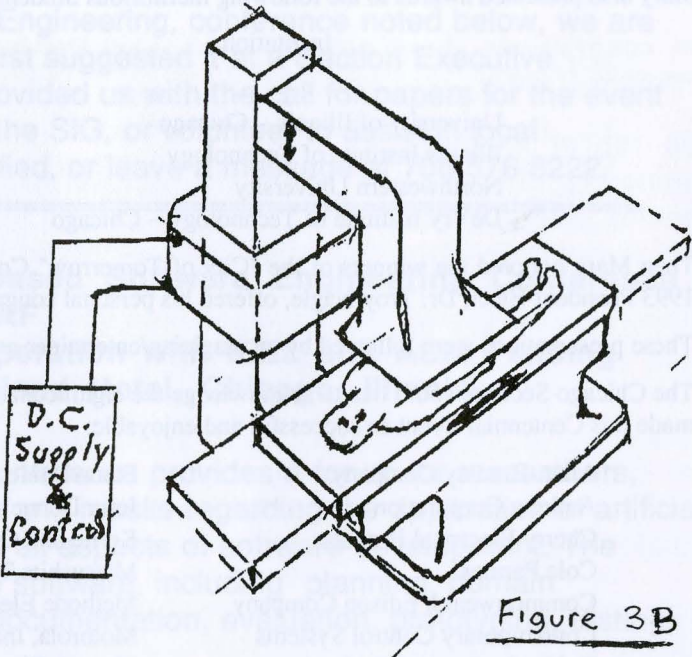
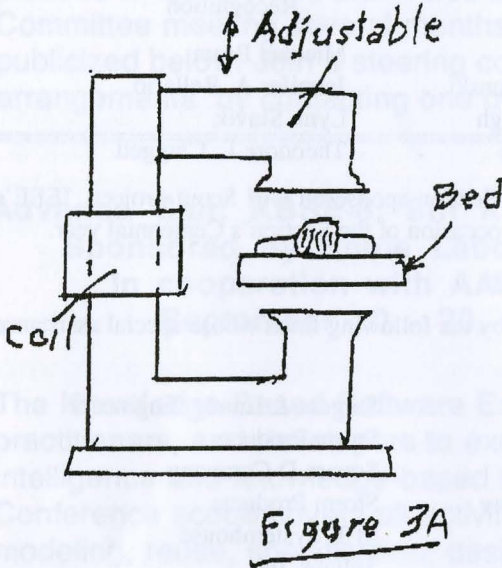
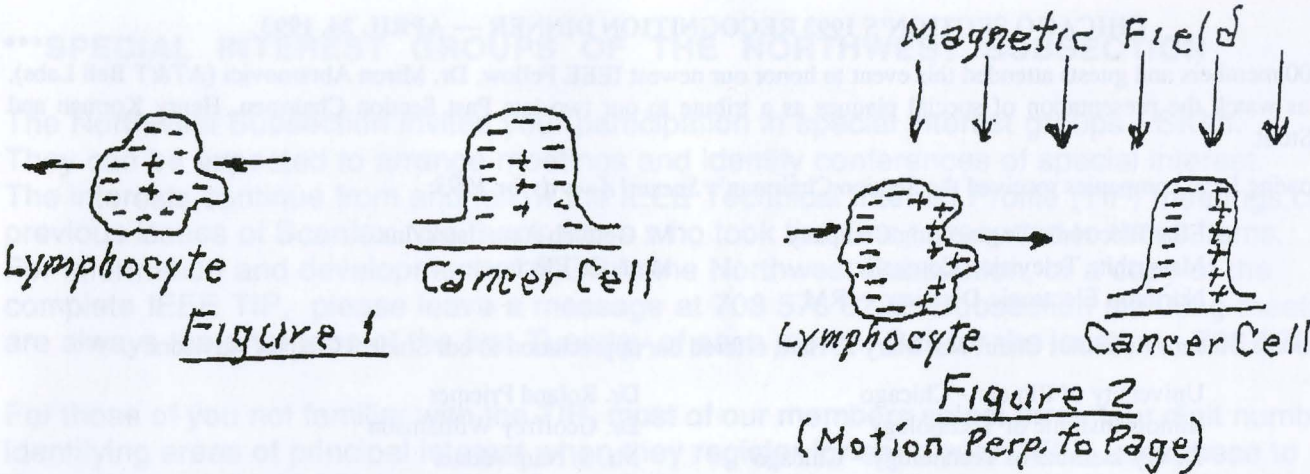
In order to generate a very strong magnetic field (perhaps 200 Oersted) across a distance of about 18 inches, the generating coil would have to operate in a cryogenic environment. For example, a copper coil immersed in liquid Nitrogen may be needed to operate this device in a superconductive environment for achieving the desired magnetic effect. At the same time, the patient's body would have to move at a speed estimated at one cycle every four seconds (see Figures 3A and 3B). Obviously, such a device should remain at an experimental stage until adequate evidence of its efficacy and safety becomes available.

Based on these considerations, the application of a constant magnetic field without motion does not appear promising for any living or organic object. Furthermore, the potentially deleterious effect on other body organs and functions also merits thorough attention before this scheme could be approved for general medical use.

EDITORS' NOTE:

Bill Laube presented a talk on this subject at a IEEE Northwest Subsection meeting in Summer 1992 which featured several short presentations by a few of our Chicago Section's Life Members. Later, at our request he wrote this article for SCANFAX. We deeply appreciate his effort in preparing this paper for us.

We invite other Chicago Section members to submit technical articles to SCANFAX which we plan to publish subject to space limitations.



RELIABILITY CHAPTER -- 1993 - 1994 OFFICERS

|               |                                                                                                                |            |                                                                                                                 |
|---------------|----------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------|
| CHAIRMAN      | Dan J. Glab<br>6454 N. Nashville<br>Chicago, IL 60631-2049<br>(312) 763-7543 [home]<br>(708) 520-4405 [office] | SECRETARY  | Bill Engmann<br>205 W. Woodstock<br>Crystal Lake, IL 60014<br>(815) 477-0437 [home]<br>(708) 445-0118 [office]  |
| VICE CHAIRMAN | Frank Straka<br>583 E. Parkway Road<br>Riverside, IL 60546<br>(708) 447-3751 [home]<br>(708) 647-1515 [office] | TREASURER  | Hugh Edfors<br>6S.180 New Hope Road<br>Naperville, IL 60540<br>(708) 355-5134 [home]<br>(708) 355-5134 [office] |
| PROGRAMS      | Ed Walbridge<br>169 N. Grove St. (Suite 6D)<br>Oak Park, IL 60301<br>(708) 445-0117 [office]                   | MEMBERSHIP | Jim Klouda<br>1516 Center Circle<br>Downers Grove, IL 60515<br>(708) 495-9770 [office]                          |

CHICAGO SECTION'S 1993 RECOGNITION DINNER — APRIL 24, 1993

About 200 members and guests attended this event to honor our newest IEEE Fellow, Dr. Miron Abramovici (AT&T Bell Labs), as well as watch the presentation of special plaques as a tribute to our two late Past Section Chairmen, Henry Korman and George Stout.

The following local companies received the Section Chairman's *Special Awards for 1993*:

|                                      |                              |
|--------------------------------------|------------------------------|
| Elite Electronic Engineering Company | M. Gottlieb Associates, Inc. |
| Matsushita Television Company        | Methode Electronics          |
| Northrop Electronic Division — RM    |                              |

The Section's Student Activities Chair, Ms. Mary S. Hart, offered our appreciation to our Student Chapter Advisors:

|                                         |                         |
|-----------------------------------------|-------------------------|
| University of Illinois — Chicago        | Dr. Roland Priemer      |
| Illinois Institute of Technology        | Dr. Geoffrey Williamson |
| DeVry Institute of Technology — Chicago | Mr. S. Naqi Akhter      |
| Northwestern University                 | Dr. Alan V. Sahakian    |

Mary also presented awards to the following meritorious Student Chapter members:

| Institution                             | Scholarship Award | Leadership Recognition |
|-----------------------------------------|-------------------|------------------------|
| University of Illinois — Chicago        | Peter Look        | Michael Bram           |
| Illinois Institute of Technology        | Rayner Bieganski  | Jennifer A. Bellario   |
| Northwestern University                 | Gurpreet Singh    | Lynn Slavik            |
| DeVry Institute of Technology — Chicago | Yolius Diroo      | Theodore L. Claggett   |

Then Mary honored the winners of the "City of Tomorrow" Contests and of the Section-sponsored Girl Scout project. IEEE's 1993 President-Elect, Dr. Troy Nagle, offered his personal congratulations on the occasion of the Section's Centennial year.

These presentations were followed by an magician/entertainer and then by dancing.

The Chicago Section would like to acknowledge the significant support provided by the following firms whose special assistance made this Centennial Event so successful and enjoyable:

|                               |                               |                            |
|-------------------------------|-------------------------------|----------------------------|
| Allen-Bradley Company         | Fluor-Daniel                  | Sargent & Lundy, Engineers |
| Andrew Corporation            | John Deimel Company           | Storm Products             |
| Cherry Electrical Products    | Kerite and Ohio Brass Co.     | Square D Company           |
| Cole Parmer                   | Matsushita Television Company | Storm Products             |
| Commonwealth Edison Company   | Methode Electronics           | SHL Systemhouse            |
| Contemporary Control Systems  | Motorola, Inc.                | Tellabs, Inc.              |
| DeVry Institute of Technology | Newark Electronics            | United Chemi-Con, Inc.     |
| Eaton Coporation              | Northrop Corporation          |                            |
| Elite Electronic Engineering  | S & C Electric                |                            |

In addition, the Section would like to express its sincere appreciation to the 1993 Recognition Dinner Committee headed by Henry Korman (and then by its Vice Chairman Frank Lakowsky as Acting Chairman); the other committee members were John Ellis, Joseph Feitler, Gene Golemo, Sheldon Isenberg, N. R. Orszula, Ray Schulenberg, and John Waters.

PAUL F. CARROLL (July 10, 1929 to April 1, 1993)

The Chicago Section has just learned of the recent passing of its Past Section Chairman and former Region 4 Director Paul Carroll. He also served on many local, regional, and transnational committees, such as *Show Director* for our first MIDCON event, Regional Activities Board (RAB). Paul founded Semiconductor Specialties, Inc. in 1951 which focused on the distribution of various industrial electronic products, including semiconductors, integrated circuits, and microcomputers.

On behalf of our IEEE colleagues we want to express our sincerest sympathy to his wife Gloria and their family.

Barry Brusso, 1992/3 Chairman of the Chicago Section

\*\*\*SPECIAL INTEREST GROUPS OF THE NORTHWEST SUBSECTION

The Northwest Subsection invites your participation in special interest groups - SIG's. They can be expected to arrange meetings and identify conferences of special interest. The interests continue from and follow the IEEE Technical Interest Profile (TIP) meetings cited in previous issues of Scanfax. We thank those who took the time to respond to those items. For information and development of SIGS in the Northwest Subsection, or a copy of the complete IEEE TIP, please leave a message at 708 576 8222. Subsection planning meetings are always the afternoon of the first Tuesday of each month. Call for the location - 708 576 8222

For those of you not familiar with the TIP, most of our members select three four digit numbers identifying areas of principal interest when they register for each year. IEEE uses these to determine membership interests and population dynamics, including shifts in technologies.

For the SIG: KBSE, Knowledge Base Software Engineering, conference noted below, we are pleased to identify and thank Bob Binder, who first suggested it at a Section Executive Committee meeting several months ago, and provided us with the call for papers for the event publicized below. Join a steering committee for the SIG, or volunteer to assist in local arrangements by contacting one of those identified, or leave a message at 708 576 8222.

**Advance Call: KBSE-8: 8th Knowledge-Based Software Engineering Conference**  
**Sponsored by Rome Laboratory, USAF**  
**In cooperation with AAI. Cooperation with IEEE and ACM Pending**  
**September 20 - 23, 1993 Midland Hotel, Chicago, Illinois**

The Knowledge-Based Software Engineering Conference provides a forum for researchers, practitioners, and developers to exchange ideas and results regarding the application of artificial intelligence and knowledge-based techniques to all aspects of software development. The Conference scope covers all activities related to software, including planning, domain modeling, reuse, specification, design, coding, documentation, evaluation, prototyping, testing, maintenance, and re/reverse engineering.

This year's conference will begin with a day of three tutorials, including an introduction to KBSE, a tutorial on knowledge-based software process engineering, and an in-depth examination of the Kestrel Interactive Development System (KIDS). Two and a half days of technical sessions, including paper presentations, panels, and plenary addresses, will follow.

Registration for the tutorial day is anticipated at \$100.00, and registration for the technical program is anticipated at \$250.00. A special one-day registration will be available for members of local industry and academia. Contacts are:  
Program and Registration - Dr. Bill Sasso, Andersen Consulting, (bsasso@andersen.com)  
100 South Wacker Drive, 9th Floor, Chicago, Illinois, 60606, 312-507-6475,

Technical program - Peter G. Selfridge, (pgs@research.att.com)  
AT&T Bell Laboratories, Room 2B-425, Murray Hill, NJ, 07974, 908-582-6801.

MEMBERSHIP ACTIVITY FOR THE FIRST QUARTER OF 1993

We welcome these new members-

|                         |                  |                  |                    |                    |
|-------------------------|------------------|------------------|--------------------|--------------------|
| Georgene M. Jerecki     | Kelly A. Long    | Alan Millman     | Craig Payne        | Gudrun Pettersson  |
| Michael A. Armstrong    | G. Rodriguez     | J. Sammons       | John D. Bullock    | Joseph M Blanchard |
| Michael A. Greenfield   | John H. Gelston  | Allen Gara       | George J Knafl     | David Montag       |
| Art S. Scesnewicz       | Duane T. Banks   | Patrick J. Boyle | Sharon J. Chybick  | Craig T. Coulter   |
| George Mavropoulos      | Craig C. Ewert   | K. Mehta         | Walter W. Haase    | Brian D. Lubinsky  |
| Emilio Passignajen, Jr. | John H. Petlicki | Timothy Falls    | Robert J. Canora   | David Carpenter    |
| John Hoebing            | Kent R. Kendra   | Jin D. Kim       | Tony Kubrinetz     | Philip Matejczyk   |
| Wm. H. Meitzler         | Daniel Michaud   | Pavel Pasek      | James R. Nesbitt   | Philip Neumiller   |
| M. Ray Sundararaman     | Linda Wang       | Craig C. Stifter | Thomas Smigelski   | Douglas R. Knapp   |
| Edmund L. Crockett      | Kevin Lehman     | Mark J. Sippel   | Patricia Truesdale | Craig C. Weinecke  |
| Stephen W. Vendetta     | Roger Menning    |                  | Dongliang D. Sheu  | Howard Ramagli, Jr |

Welcome also to 106 new Society Affiliate Members and 54 new Student Members. We hope you will look forward with us and move to full membership. Send a message to the IEEE Chicago Business office if you need help or information. They will direct you to a Section officer.

We congratulate these elevated to Senior Member-

|                     |              |              |                     |
|---------------------|--------------|--------------|---------------------|
| Rostyslaw J Fostiak | James L Orme | Hung Yu Yang | Aggelos Katsaggelos |
|---------------------|--------------|--------------|---------------------|

We regret losing you-

February and March are the months we lose track of a large number of members for three to six months. The problem starts with members late in payment of dues. Piscataway carries members thru till February, then cuts off society transactions and Spectrum. Our database gets updated for these in March - April. By September, the membership grows back to the level of the past January. By that time many members lose notices of our meetings, since the Scanfax mailing is derived from the monthly membership database.

This year we are going to try not to drop members in dues arrears until perhaps September, when the intent of the member to continue or drop should be clearly evident. So this year you will continue to get your Scanfax. Although this puts a strain on the cost of mailing - there are generally 1200 in arrears, it puts a gold star on our charts for member service.

Another loss is movement within Chicago. For the first quarter of 1993, 175 members moved. We do not know when they moved, but we know that our database update is usually two months behind. Scanfax is mailed via Third Class. If you change companies, many companies discard third class mail if you do not make prior arrangements. Post offices do not forward third class unless you pay them to do so. Paying to forward third class includes paying for all the junk mail, and is generally not justified.

Forwarding replacement copies costs 52 cents. So, how many of you who moved missed your Scanfax? Tell our Chicago office. Note that we can send you a replacement, we cannot change your address for you.

A volunteer is a person who can't say NO!.....

It is hard for me to comprehend that the progression from Secretary to Treasurer to Vice-Chairman to Chairman is now coming to a close. Yes, four years ago I accepted the nomination to become the Section Secretary and with that commitment the obligation to support the Executive Committee for the next four years. This decision is very difficult to make for it requires a desire to make a contribution to IEEE and specifically to the 7000+ members of the Chicago Section, with the only compensation being a gain in leadership skills, developing interpersonal skills, working as a team contributor, and making numerous professional associations with people of similar interests and commitments. A volunteer in any organization needs to feel a sense of personal accomplishment for their time and effort spent, in this regard I feel the last four years were extremely constructive toward the goals I personally set and realized.

The IEEE Chicago Section is undergoing a period of change 100 years after its inception. The changes are being brought about due to the influence of many outside forces. The IEEE board of directors for one has felt a need to address the future strategy that it should take to help provide direction for all IEEE entities as we approach the 21st Century. The volunteers that bind the threads of the IEEE patchwork quilt will be asked to take on new and different roles so that all of IEEE can move in a cohesive direction to achieve the Electrotechnology leadership position it now has. The economy has caused multiple companies to readdress their priorities in regard to support for professional organization activities and particularly those that directly benefit their Engineers. To become a volunteer today may mean to do it alone, without company backing and with little or no monetary support. To get volunteers to serve in support of the Chicago Section in the future may require a completely new assessment by the present volunteers in a long range goal strategy approach to secure the leadership of the future. The prime business of the Section needs to be in securing support, direction, encouragement, direct assistance, and overall communication with the local Society Chapters, the threads of the quilt. Bind the threads and the strength of the organization shall be realized.

Barry C. Brusso  
Chairman IEEE Chicago Section

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                                                                                                             |
|-----|-------------------------------------------------------------------------------------------------------------------------|
| 303 | BSEE - 7 years in power distributuin for utilities and oil refineries, PLC programming.                                 |
| 304 | BASEET - Elactrical Technician. PC skills: C, PASCAL, BASIC.                                                            |
| 305 | BSEE - Extensive lab Experience in Hybrid (Thick and Thin Films) circuits and semiconductor fab. and general test engr. |
| 306 | BSCE - 5 years real time experience with C & PASCAL. Seeking software engr. position.                                   |
| 307 | BSEE - seeks sales/mktg MGMT position in Telecommunications. Experience in national & international.                    |
| 308 | BS/CPIM - Professional MFG manager, committed to TQM/KAIZEN/JIT. Team builder/motivator/leader. SPC..                   |
| 309 | BSEE - seeks entry level position in wireless communication Engineering.                                                |



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Date: June 8 1993  
Time: 7:30 pm  
Place: Astor Ballroom  
The Westin Hotel O'Hare Hotel Phone 708 698 6000  
6100 River Road - River Road at Higgins Rosemont IL

Reservations 312 236 4333 - Open to the public. No Charge

**Agenda:**

Welcome- Barry Brusso, Section Chairman

- Suspension of meeting reports
- Key items for the October Centennial Meeting (Dennis Lamont, George Thomas)
- Key items for the July Section meeting
- Welcoming remarks

**Recognition of guests:**

- ICCE, Consumer Electronics Conference Representative
- Consumer Electronics Society representative
- Electronics Industry Association Representative
- American Electronics Association Representative
- Officers of Chicago Area
- Chicago Section Officers, Chapter Officers, Life Member Representative

**Introduction of IEEE Past President Merrill Buckley**

- Transfer of Gavel to Len Cohen
- Introductory Remarks
- Introduction of Richard Jaeger, Congressional Fellow, Invited Speaker

**Address of Richard Jaeger**

- Activities of a Congressional Fellow for Science and Technology
- Information Infrastructure Requirements for the coming years.

Richard Jaeger has been an active participant in IEEE Technical Activities, served on the Institute's Board of Directors, Chicago Section and Society activities. Prior to his alleged retirement in 1987, his career involved switching systems and network services at AT&T Bell Labs, Naperville.



**PEER II Contract Canceled**

IEEE-USA's Employment Assistance Committee (EAC) Chairman John E. Martin announced that EAC's contract with Success Systems, Inc., to operate the Professional Engineering Employment Registry (PEER II) will not be renewed.

"Both EAC and Success Systems worked hard to make PEER II a success, because it held out so much hope for our members," Martin said. However, he pointed out that the company has never been able to deliver what was promised in the PEER II brochure. The Committee felt that the product could not be improved sufficiently to satisfy IEEE's member-users.

Success Systems will continue to honor existing subscriptions to the service. Current subscribers will still be able to contact the company for additional diskettes of job listings, and their resumes will continue to be included in a data base searched by employers.

At this time, EAC has no plans to replace the employment registry, but the committee will provide members with a list of several existing commercial registries and data bases. IEEE-USA will continue to sponsor employment workshops, job fairs, local job banks, videotape libraries, local consulting networks, and other forms of employment assistance.

**Washington Office Undergoes Staff Reorganization**

IEEE-USA Staff Director W. Thomas Suttle recently announced the promotions of Chris J. Brantley and Scott D. Grayson to managerial positions.

As Manager of Government Activities, Brantley oversees IEEE-USA's Government Activities Council, and is also responsible for managing the U.S. competitiveness effort. He holds a J.D. and a Masters in Law and International Affairs from The American University, a B.A. in Political Science from Mercer University, and is currently on the adjunct faculty of American's Washington College of Law.

Grayson has been promoted to Manager of Career Activities. He supervises IEEE-USA's Career Activities Council, as well as managing pension reform efforts. Grayson holds an M.A. in politics and international economics from New York University's Center for Latin American and Caribbean Studies, and a B.A. from the University of Wisconsin.