SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

ADCOM MEETING MARCH 17, 1990

ATTENDEES

N. Balabanian	President	315-443-2652
C. Barus	Chmn. Awards	215-544-6130
J.M.Benjamin	Sec'y.	215-438-9729
R.H.Brook	EMC/S Liason	516-595-3136
E.S.Cassidy A.G. Idsmith R.Kline R.Newcomb	Brooklyn Polytech. U. Dir.Div.VI Cornell U. Div. X	703-941-1323 607-251-3189 301-454-6869
R.K.Raney A.Robbi S.Schnelderman R.Seeley C.Specter	Past Pres.,GRS/S Past Pres. IEEE Magazines IEEE Magazines Div. IX	613-993-4475 201-536-3503 201-562-3946 201-562-3954 305-554-2791
S.Unger	Past Pres.	914-353-5375
A.Wald	V.P.	212-305-6214
P.Walker	IEEE Magazines	201-562-3950

(ACTION ITEMS ARE IN ITALICS)

1,2) WELCOME, INTRO., AGENDA ADOPTION Attached Agenda was adopted as presented.

APPROVAL OF 12/9/89 MINUTES

9.1 Comanche 'Park' to 'Peak'. See that Awards definition is actually added to bylaws - Barus.

4) PRESIDENT'S REPORT

Al Wald reported on the TAB Meeting he attended in place of Balabanian: We may remember that at the previous TAB Mtg. their upset at the 'Vibrator' article in T&S resulted in the decision to review all Societies every 5 years. The process will start with the review of all Societies in Div. X.

A single contact person will now be assigned as IEEE Staff liason to each Society. We have Diane DeMarzo (or Marcia Tichman) in Engleson's office. (201)562-

3853.4. There was discussion of how to allot the interest on approx. \$3,000,000 in the Book Broker's Fund. There was strong sentiment that it should revert to the individual Societies. Decision was not clear.

The Electronic Access Committee is working on improving the format of the Financial Reports.

Balabanian announced that he has been appointed a member of the IEEE Ethics Committee. They are presently concerned with whether a member of the Awards Board or the Fellows Board can serve simultaneously on any other IEREE Board without having a conflict of interest. This precipitated a lengthy discussion at this ADCOM meeting which resulted in the Appointment of the SSIT Ethics Committee to make a recommendation. A Colloquium is taking place in Brazil to which TAB will pay 1/2 the attendance expenses for 2 members of any TAB Society. The thrust of the Conference is technology in developing countries. It was suggested we try to find someone among the delegates who is concerned with allied social issues in these countries (censorship of technical information, detention of professors, etc.) Balabanian will write Mr. Nagel for names of delegates. Specter will try to find an engineer to write about the Amazon forest devastation.

A letter was received from Max Goldberg of PACE calling attention to the Bakken Museum whose existence was questioned during the 'Vibrator episode'. He pointed out that it was established by the founder of Medtronics.

The request from the L.A. Carnahan Conference Committee for \$5,000 was discussed. Justin Biddle sent us a copy of Robbi's letter pledging SSIT help of up to \$5,000. It was decided to await receipt of the Conference accounting.

Balabanian announced that Walter Zessner is organizing the next 'Carnahanstyle conference in Toronto. It will be sponsored by a newly formed (or to be formed?) Toronto Chapter of the IEEE. Much discussion led to the following conclusions on the part of ADCOM:

- 1) 1991 is probably too soon.
- SSIT needs a permanent Conference Committee.
- If we are to be involved we should have a representative at each planning meeting.

5) PAST PRESIDENT'S REPORT

Robbi reported on the sad passing of our long time member and friend Dr. Geraid Rabow. We were pleased (though not surprised) to hear that he had written a book to be soon published on conflict resolution through the use of game theory. Several of us spoke from the heart about our colleague. He will be greatly missed.

Toporov and Biddle want to organize a Session at WESCON on Privacy in the Computer Age. They ask for paper.

6) TREASURER'S REPORT

In Apter's absence, Balabanian reported that our financial status seems good. Goldberg pointed out, however, that our surplus/member is the lowest of any member Society. It was pointed out that our chief income and expense is the T&S Journal. Other unanticipated expenses are minimal.

It was pointed out to Goldberg that the Financial Reports from headquarters were always woefully late and also hard to interpret. He assured us that this problem is being addressed. The Magazine staff present confirmed this. Goldberg and the Magazine Staff suggested that we raise the T&S non-member rate (to libraries).

It was moved by Robbi, seconded by Wald that we raise the non-member subscription rate to the formula value, or by 20%, whichever is higher. Unanimously passed.

Raising our membership fee was discussed. When we have done this in the past we have lost members. Presently we are holding steady. Therefore it was decided not to increase our dues at this time.

7) OTHER SOCIETY LIASON

See attached report by Gardner.

Brook attended EMC Standards Comm. meeting. He reported on discussions by EMC concerning biological effects of non-ionizing radiation. The several attachments that he distributed show the position of the EMC and the Position Statements of the Committee on Man and Radiation regarding Video Display Terminals and RF Electromagnetic Fields.

8) MAGAZINE PRODUCTION DEPARTMENT

This newly formed IEEE Staff group attended the ADCOM to establish a very

welcome contact with us. (Attendees registered on Attendance List above.)

Pat Walker, Director explained that Magazine production was split off from Transactions production to improve efficiency. She passed out promotional material developed to attract advertisers, and also material showing more imaginative and attractive layout formats than we are presently using. She raised the pertinent question "Do we really want to become a magazine and attract advertisers, or do we wish to remain in Transactions format?"

We agreed to:

- * Try 60# cover instead of 80# cover (to save money for other innovations)
- * Place Summary Table of Contents on cover.
- * Arrange mutual exchange of advertisements with other Journals in IEEE family. Staff will do this).

Robbi moved and Newcomb seconded that we price T&S at the level of current dues for non-SSIT members.

9) STANDING COMMITTEE REPORTS

9.1) Awards - Barus

Barus introduced the case of Demetrios Basdekas of AEC/NRC who has been struggling for many years with his Agency. Material was distributed and the case was introduced for further study and discussion at the next meeting.

9.2) Publications

Please refer to 8) above.

Specter reported that the special Disarmament issue scheduled for Dec. '90 has enough material to fill 2 regular 32 page issues. However, putting the material under separate covers makes it much more difficult to distribute and less attractive to readers especially concerned with this topic. She suggested we make a special 64 page issue. It appears we have enough material to make up for this in the following issues. The magazine staff present also agreed that this would save money.

It was moved by Robbi seconded by Specter and passed unanimously that the Dec. '90 issue of T&S be 64 pages, on the approval of President Balabanian.

9.5) Elections

Unger announced the election for a 3 year term to ADCOM of the following persons:

J. Malvern Benjamin. Jr.

Vernon E. Gardner

C. M. Chantal Toporov

9.6) Chapters

See Attachments by Gardner and Boston Chapter.

9.7) PACE

See Attachments by Gradner.

10) NEXT MEETING DATE

The next two meetings are: May 19, 1990 and September 15, 1990.

16) ADJOURNMENT

There being no further business, the meeting was adjourned.



SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

SSIT AdCOM MEETING AGENDA

Time: Saturday, March 17, 1990, 10:15 to 4:00 p.m.

Location: New York City, Empire State College, 330 W. 42nd Street

(McGraw-Hill Bldg. adj. Port Authority Bu: Terminal), Room #3 on second floor.

Welcome and Introduction
 Adoption of Agenda
 Approval of Minutes of Previous Meeting
 President's Report
 Past President's Report
 Treasurer's Report
 Other Society Liaison
 Balabanian
 Robbi
 Gardner

8. Magazine Production Dept. Walker

9. Standing Committee Reports

(Awards Barus 7 Publication (T & S) Rabow

3 Conference Rubenstein, Benjamin

4 Membership Jatlow

5 Nominations/Elections Urger
6 Chapters Gardner
7 PACE Gardner
8 Publicity and Public Relations 1zaak
9 Technology and Public Policy 3ogumil

Parkas
| Constitution and Bylaws | Lawrence

IlFellows Mukhedkar, Balabanian

10. Next Meeting Date

11. Old Business

12. Liaison Reports

13. New Business

14. Adjournement

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INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY OTHER SOCIETY LIAISON

6624 Kirby Court, Falls Church, VA 22043 Feb. 28, 1990

Norman Balabanian,
President, SSIT, IEEE,
Electrical Engineering Dept.,
111 Link Hall,
Syracuse University,
Syracuse, NY
13210 Subject: Other Society Liaison

Computer Professionals for Social Responsibility (CPSR):
This group and the Northern Virginia/Baltimore/Washington
Chapter of the Society on Social Implications of Technology will hold a joint meeting on March 14, 1990,
in Washington, D.C. The subject will be an open
discussion and criticism of the Position Paper,
"An Ethics Code for Computer Professionals", lead by

Joel Rothstein Wolfson.

National Association for Science, Technology and Society (NASTS); The Fifth Technological Idteracy Converence was held in Crystal City, Arlington, VA, on Feb. 2-4, 1990. This year we were represented by Robert M. Wheeler, Jr., 2630 Fort Scott Drive, Arlington, VA, 22202 (H)(703) 684-7286, who reported his attendance with enthusiasm.

Section X. Societal Impacts of Science and Engineering,
American Association for the Advancement of Science (AAAS).

I have established liaison with our newly-elected countarparts.
The AAAS will hold its 15th Annual Colloquim on Science and
Technology Policy in Washington, D.C., on April 12-13, 1990.
The theme will be "Science & Technology and the Changing World Order".

No action to report regarding the following: Tehenology and Society Division, American Society of Mechanical Engineers. American Engineers for Social Responsibility. Government Accountability Project.

cc: J. Malvern Benjamin Secretary, SSIT, IEEE, 5446 Wayne Ave., Philadelphia, PA 19144 Vernon E. (Veg) Gardner, AdCom Member, SSIT (703) 533-0999

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EMC/S BOD LIAISON REPORT

MARCH 17, 1990

The last meeting of the EMC/S BOD and the EMC/S Standards Committee was held at the Marriott Hotel at D-FW Airport on February 21, 1990.

EMC/S STANDARDS COMMITTEE MEETING

The meeting and committee chairman was Don Hierman.

- o MIL-STD-285 (on shielded rooms) is to be replaced by IEEE STD 299; perhaps by the end of 1990.
- o The MIL spec on r.f. gaskets will be replaced by IEEE STD 509; and will be submitted in August 1990. There is work currently going on that will extend the gasket test fixture from 1 GHz to 10 GHz.
- A new cable standard is being developed that will be called IEEE STD 626.
- The proposed r.f. absorber efficiency standard is being studied by the P1128 subcommittee.
- o The proposed office equipment near field standard for both E & H fields is being changed to VDT's alone and is being worked on by the P1140 subcommittee. New chairman is Dheena Moongilan (201/834-1806). The frequency range for this standard is 3 KHz to 3 MHz.
- o There will be a new IEEE calibration standard for Line Impedance Stabilization Networks (LISN). The P1190 committee is working on this.
- o ANSI C63 is working on an EMC standard on test sites for open aleas, and factory test areas as well as a revision of MIL-STD-462. The TRI-SERVICE rewrite group is being advised by voluntary organizations, such as the SAE, IEEE and ANSI.
- o The international group, CISPR is looking to present EMC immunity standards by 1992. This would have international implications, since U.S. FCC specifications do not include immunity. ANSI C63 coordinates all EMC standards and is the US EMC Standards Clearing House. The U.S. Military is now looking at commercial standards for many applications. The average turnaround time for a new standard is 2-3 years. The Standard Office (of ANSI) will write licensing agreements covering proprietary techniques, patents, copyrights, etc. C63 has a complete set of EMC documents. The IEEE now has EMC documents on-line.

REPORT ON CURRENT STATUS

OF SESSIONS ON SOCIO-ECONOMIC

ASPECTS OF EMC

	SPEAKER NAME	TOPIC	ORGANIZATION	ADDRESS
	Tom Braxton	What is a Manufacturer's EMC Obligation	Bell Labs	AT&T Bell Labs 1200 E. Warrenville Rd. RM 2B-211 Naperville, IL 60566 708-979-1299
	J. Michael Barge	A Compendium of Bioelectromagnetic Effects	Locus, Inc. at NRL	13205 Parklane Ft. Washington, MD 20744 301-292-5999
	David Hilliard Kurt DeSoto Lex Felker	Social and Economic Implications of EMC: A Case Study	Wiley, Rein and Fielding	1776 K St. N.W. Wash. D.C., 20006 202-429-7000
	David Staggs	Ethics Within the Corporate Structure	EMOO	EMCO-P.O. Box 1546 Austin, TX 78767 512-835-4684
!	Keith Wright	EMC and 1992 Automotive Industry	Eaton	Eaten Corp. Worsley Rd. North Worsley, Manchester M285GJ, U.K. 0\$1-44-204-72111
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Respectfully Submitted,

R. H. Brook



IBM RAYTHEON NAB

ELECTROMAGNETIC ENERGY POLICY ALLIANCE

PROUDLY ANNOUNCES EARLY NOTICE OF EEPA'S

6TH ANNUAL MEETING AND SYMPOSIUM

"CURRENT SCARE: ELECTROPHOBIA"

APRIL 25-26-27, 1990

RADISSON MARK PLAZA HOTEL ALEXANDRIA, VIRGINIA (JUST OUTSIDE WASHINGTON, DC)

SESSION I: "CURRENT THRESHOLDS"

invited speakers: Michael Pittam, Robert Adair and Bernard Cohen

SESSION II: "CURRENT RESEARCH"

invited speakers: A.W. Guy, Bud Appleton, Camilla Gabrielle (UK), and

Constantine Maletskos

SESSION III: "CURRENT AFFAIRS"

invited speakers: Paul Brodeur, Peter Huber and Vincent Covello

SESSION IV: "CURRENT POLICY"

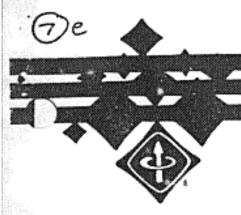
Invited speakers: John Villforth, Granger Morgan and Ralph Johnson

This year's conference will feature national and international experts who will discuss the many issues raised in both the popular and trade media, and in world laboratories during the past year regarding the safety or risk associated with non-ionizing electromagnetic energy: electric and magnetic fields from electric power lines • VDTs • electric blankets • updates on the latest research • the debate over thresholds • risk analysis and risk communication • an introductory short course for those new to the issues • and much, much more.

DON'T MISS THIS IMPORTANT SYMPOSIUM ! MARK YOUR CALENDAR TODAY *** PLAN TO ATTEND

FULL DETAILS WILL BE MAILED TO YOU IN THE COMING WEEKS

EEPA; 1255 Twenty-Third Street, NW; Suite 850; Washington, DC 20037; (202) 452-1070



ENTITY POSITION STATEMENT

BIOLOGICAL EFFECTS OF ELECTRIC AND MAGNETIC FIELDS FROM VIDEO DISPLAY TERMINALS

1111 19th STREET, N.W. WASHINGTON, DC 20036-3690 (202) 785-0017

The IEEE recognizes the present concern about possible health and reproductive effects resulting from extensive use of video display terminals (VDTs). Three factors associated with VDT use that could influence human health and reproduction are: (1) ergonomic factors, (2) job stress, and (3) electromagnetic field effects. At the present time, there is no convincing evidence that these factors significantly influence the health of VDT operators or adversely affect reproductive outcomes among pregnant women. However, further research is needed before a more conclusive statement can be made regarding the possible reproductive effects of factors associated with extensive use of VDTs. The IEEE will continue to be alert to any new scientific information that is relevant to the issue of potential health effects associated with VDT use.











IEEE USAB Committee on Man and Radiation

Movember 8, 1989

Approving Entity

Date



ENTI POSI

HUMAN EXPOSURE TO MICROWAYES AND OTHER RADIO-FREQUENCY ELECTROMAGNETIC FIELDS

1111 19th STREET, N.W. WASHINGTON, DC 20036-3690 (202) 785-0017

The IEEE recognizes the public's concern regarding health hazards the accompany the pervasive and ever-expanding use of devices that emit rand other radio-frequency electromagnetic fields. Guidalines for line exposure have been published by the American National Standards Institutes. These guidalines were developed by a panel of scientificational experts to protect workers and members of the general populate harmful effects of radio-frequency fields. Because of the many current promising beneficial applications of this technology, and also because the safe use of such devices.









IEEE USAB Committee on Man and Radiation

November

Approving Entity

Date

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

6624 Kirby ourt, Falls Church, VA 22043 Feb. 28, 1990

Norman Balabanian, President, SSIT, IEEE, Electrical Engineering Dept., 111 Idnk Hall, Syracuse University, Syracuse, NY 12 13210

Subject: Report of the SSIT Chapters Committee

 On Feb. 1, 1990 I received from Piscataway gold copies of IEEE Form L7 reporting the following SSIT Chapter officers:

Boston: Chairman: Robert L. Lagace
Vice Chairman: Robert M. Margolia
Secretary: Alexander S. Brown
Treasurer: Blank.

Los Angeles Council:

Chairman: C. M. Chantal Toporow Vice Chairman: Susan Mackey Secretary: Fred Blair Treasurer: Fred Blair.

- The only meeting activity which has come to my attention is the following:
 - a. On Feb. 14, 1990 DR. Roger W. Barnett, Vice President, Plans and Operations, National Security Research, Inc., Fairfax, VA, spoke on the subject of "Maritime Strategy and Soviet Strategy". His capabilities came to our attention through his review on pages 10 and 11 of the November 1989 issue of the IEEE SPECGRUM of a recent book on technology and war. The meeting was co-sponsored with the Washington, DC, Alumni Chapter of The Tau Beta Pi Association. Concurrently this combination lost its dinner-meeting location and the Phi Beta Kappa Association in the District of Columbia losts its speaker. Some hurried rearrangements were made and all parties joined forces with thirty-five attending the dinner and several more coming for the program only.

cc: J. Malvern Benjamin, Secretary, SSIT, &Michael J. Whiteles Vernon E. (Veg) Gardner, Chairman, Chapters Committee



IEEE Society on Social Implications of Technology - Boston Chapter

March 6, 1990 60 Epping St. Arlington, MA 02174

Vernon E. Gardner SSIT Chapters Coordinator 6624 Kirby Court Falls Church, VA 22043

Dear Veg,

The Boston SSIT Chapter continues to crank along. Some of us get a little weary sometimes though, since it is difficult maintaining an active and energetic set of volunteer officers and steering committee members to share the load of planning and maintaining an active chapter meeting schedule.

We are having eight technical meetings with speakers again this year (October 1989 to May 1990). I have enclosed for your information a sheet listing the 1989/90 meeting dates, topics, and speakers. Hopefully, you will receive it in time for the ADCOM meeting on 17 March 1990.

I have intentions of submitting a paper, as you suggested, describing some of our Boston activities of recent years, and some of our guidelines for selecting topics, speakers, and themes; when the smoke clears, so to speak. We also plan to suggest to some of our speakers that they consider submitting articles for publication in Technology and Society Magazine. Perhaps this might be a way that chapters can help surface new authors and topics of interest to the T&S readership.

We are looking forward to receiving input from you and the ADCOM on this matter, and to receiving news of upcoming national plans, ideas, and initiatives for SSIT.

Sincerely,

Robert L. Lagace, Chair, 89/90

Boston Chapter, IEEE SSIT

W-(617) 271-5467, H-(617) 648-0246

Enclosures

B



Boston Chapter

IEEE Social Implications of Technology Society

Chair: Robert L. Lagace (617) 648-0246, Vice-Chair: Robert M. Margolis (617) 244-4033,

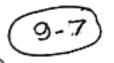
Secretary: Alexander S. Brown (508) 435-6851

MEETING TOPICS AND SPEAKERS

1989-90 Schedule

Mon Oct 16	THE COMPUTER IN SCHOOLS - ANOTHER LOOK, Dr. Joseph Weizenbaum, Prof. (Emeritus) of Electrical Engineering and Computer Science, M.I.T.
Mon Nov 13	HDTV, BROADBAND ISDN AND INTERACTIVE MEDIA - A MEDIA LAB TOUR, Dr. Richard Solomon & Dr. Patrick Purcell, Media Laboratory, M.I.T.
Mon Dec 18	INTELLECTUAL PROPERTY VS. INTELLECTUAL COMMUNITY: THE FREE SOFTWARE FOUNDATION AND THE INVENTION OF THE "COPYLEFT", Richard Stallman, Founder, The Free Software Foundation
Mon Jan 22	MEDICAL ETHICS IN AN AGE OF HIGH TECHNOLOGY, Dr. Roger G. Mark, Matsushita Prof. of Electrical Engineering in Medicine, M.I.T., & Co-Director, Harvard-M.I.T. Division of Health Sciences and Technology
Mon Feb 12	COMPUTERS IN ENGINEERING - SOME PITFALLS, Dr. George E. Smith, Prof. of Philosophy, Tufts University
Mon Mar 12	DEFINING THE HEALTH EFFECTS OF ELECTROMAGNETIC FIELDS: SOCIAL CONTROVERSY AND TECHNOLOGY POLICY, Dr. Judith Perrolle, Prof. of Sociology, Northeastern University
Mon Apr 23	BACKGROUND AND LIMITS TO PERESTROIKA: AN INSIDE VIEW IN TERMS OF CONTROL THEORY, Dr. Yuly M. Pulyer, Consultant & Former Prof. of Control and Computer Science, Moscow Engineering Institute, USSR
Mon May 14	A NEW APPROACH TO ENGINEERING ETHICS: THE EMPOWERMENT OF ENGINEERS, Dr. Caroline Whitbeck, Sr. Lecturer in Mechanical Engineering & Sr. Research Scholar at the Center for Technology and Policy, M.I.T.

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INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY PROFESSIONAL ACTIVITIES COUNCIL FOR ENGINEERS

> 6624 Kirby Court, Falls Church, VA 22043 Feb. 28, 1990

Norman Balabanien, President, SSIT, IEEE, Electrical Engineering Dept., lll Link Hell, Syracuse University, Syracuse, NY 13210

> Professional Activities Council Subject: for Engineers (PACE); report of the SSIT PACE Chairman.

1. PACE took an active part in Engineers and Architects Day, Feb. 22, 1990, where activities took place at the Loews L'Enfant Plaza Hotel, Washington, D.C. The theme was "Consulting Engineers/Architects, The Nagions Builders". The sessions consisted of: "Consulting Engineers/Architects as Nation Builders in the Third World". Wayne Weiss, Vice President, Black & Veatch International.

"Tomorrow's Architect: Socialogist, Artist or Technologist?". C. R. George Dove, AIA, APA Partner, The Weihe Partnership.

"Capital Development Program at Washington National and Washington Dulles International Airports". James A. Wilding, General Manager and Chief Executive Officer, Metropolitan Washington Aipports Authority. "Paradox for 21st Century: Improve Quality with Pewer Professionals". James W. Poirot, P.E., Chairman of Board of Directors, CH2M Hill Companies.

The PACE Ad Hoc Coordinating Committee for National Engineers Week was created to encourage expanding new activities in IEEE Sections. In 1993 the IEEE will be the lead society for the nine organizations that jointly sponsor Engineers Week

Respectfully submitted.

cc: J. Malvern Benjamin, Secretary, SSIT IEEE, 5446 Wayne Ave., Philadelphia, PA 19144

Vernon E. (Veg) Gardner, SSIT PACE Chairman, (703) 533-0999

FOR BOB SBALY IEBE MAGS.

GB. was a Foundary member of SSIT, Gentributied often to T&S Mag., was chair person of SSIT Publications Commutated from 1982 until his and death. He served as V. P. of SSIT in 1987.

Hiso was a sparkplug at several SSIT retreats at Fellowship Form.

STAR LEDGER

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Dr. Gerald Rabow, electrical engineer

Services for Dr. Gerald Rabow of Whippany, retired as an electrical engineer, will be held at 11:30 a.m. tomorrow in the Menorah Chapels at Millaura. 2950 Vaux Hall Rd., Union.

Dr. Rabow died Monday in his home.

He had been an electrical engineer with Bell Labs in Whippany for many years before retiring two years ago.

ing two years ago.

Dr. Rabow was graduated from City College of New York with a bachelor's degree in electrical engineering. He received a master's degree in engineering science from the Massachusetts Institute of Technology and a doctorate of engineering from Columbia University in New York City.

He was a member of the Institute of Electrical, Electronic and Engineers of New York City and the Institute of Electrical, Electronic and Engineers Community for Social Implications of Technology. He also was a member of the Livingston Arbitration Board, the Men's Club of the Metro West Jewish Center of West Orange and the Lakeland Square Dance Group in Mountain Lakes.

Mr. Rabow was the author of "Era of the System" and the soon-to-be published "Peace Through Agreement."

Born in Berlin, Germany, he lived in Brooklyn and Nulley before

Born in Berlin, Germany, he lived in Brookiyn and Nutley before moving to Livingston 17 years ago. Surviving are his wife, Sylvia; a daughter, Lois, and a son, Alfred.

Book that I mentioned to you based on non zero-sum game theory.