SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

May 13, 1989

SSIT ADCOM MINUTES

Attendees:

A. Wald C. Barus M. Benjamin J. Bogumil

J. Jatlow

H. Lipson

G. Rabow

K. Raney

A. Robbi

C. Specter S. Unger

- Al Wald presided in the absence and at the request of 1. Pres. Balabanian who could not be present. The meeting was called to order at 10:15 A.M.
- The Agenda was adopted as presented.
- 3. The following corrections were made to the minutes of March 11, 1989:

Attendees included Gerald Rabow

- 4.C- Canadians Geoscience and Remote Sensing Soc. of the IEEE. Also add: She is pursuing Derek Paul, U. of Toronto as 2nd Guest Editor.
- 8. Publications "Balabanian will appoint Zelby" add: Approved by ADCOM.
- 12. Replace Sarl with Merrill,
- 4. There was no President's report.
- 5. Unger reported that he had:
 - * Prepared a report on ABET as promised
 - * Contacted Christine Specter about the mtg. discussed below
 - * Responded to E. Pugh's Institute article on Ethics Code
 - * Contacted TAB office about mailing list changes. (No mean feat!)

Robbi reported that he had:

- * Submitted talk Abstract to the L.A.Conf. No response vet.
- * He is now a member of the Computer Society Public Issues Committee. He discussed with them the 'Worm' case yis-avis their present Ethics Code.
- 6. In the absence of Apter, no Treasurer's report was given
- 7. See Attachment I for "Other Society Liason" Report by Gardner.

1.1 Awards- Barus presented a Call for Nominations for Prye Roper Award. It was suggested it be sent to past Editor Welchel to pursue.

Cassidy called Barus' attention to several nuclear power station whistleblowers.

Barus contacted the Government Accounting Office for names. They responded with the enthusiastic suggestion of a different person - Bordell, a Health Physicist. Since he is neither an IEEE member nor an E.E., we decided not to pursue him. Another case who is an IEEE member was discussed but not considered satisfactory. Barus urged ADCOM to help him in the search.

8.2 <u>Publications</u>— Rabow announced that the June T&S is on schedule. The Dec.special issue is still off track. There was discussion of where to find papers that would allow replacing the Dec. 'special' issue with a 'regular' issue.

Rabow distributed the T & S "SSIT Publication Procedures" (Attachment II). It was moved by Robbi and passed unanimously that the first word of section 9, 'Plans' be replaced with 'Concepts'.

Specter raised question of the timing for the special issue on Disarmament. It was approved by ADCOM for September '90. Specter announced that Prof. Derek Paul, Physics Dept. U. of Toronto has accepted Editorship. See attachment III "Publication Progress Report". Suggestions were made for possible authors.

The new Editor, Leon Zelby, U. of Oklahoma has not yet been officially notified. Balabanian will notify him. Welchel will finish this year's issues and will work with Zelby to transfer Editorship.

8.3 <u>Conferences</u>— Benjamin reported that the L.A. Conference "Technics Culture and Consequences" to be held on October 20-21 is gathering momentum and promises to be a huge success. 48 papers are scheduled for presentation. 6 were turned down.

Spencer circulated a report of her Int'l. Space Year (ISY) activities. Unger expressed the feelings of the entire group that we approve her activities including the excerpted section of her report, attachment IV below.

Lipson discussed the '90 ELECTRO to be held in Boston. suggested we mount a session on CD ROMs, perhaps calling it "VLS Electronic Publishing". His Proposal is attachment V Robbi raised the broader question of the continued usefulness of ELECTRO and other very large meetings which are Suggestions were made to present now being underattended. our concerns at smaller more specialized Society meetings. For example, this idea might do better at a Computer Society Conference. Alternatively, we could continue with ELECTRO meetings to gain access to the large facilities but invite publishers and and other non-IEEE people to broaden the Also, a 'prestigious' session might attract high grade authors whose papers will be publishable. It was suggested presenting this to the IEEE Publishing Division for ideas.

8.4 <u>Membership</u> Jatlow reported the following total membership figures:

w-	'89	'88
March	2167	2144
April	2309	2295

8.5 <u>Nominations</u>- Unger will call Malvina Torto for accurate list of ADCOM members.

Jatlow moved, Robbi seconded that Unger with due consultation select a slate of nominees and see that the nomination and balloting process is followed. Passed unanimously.

- 8.6 Chapters- See Gardner report Attachment VI.
- 8.7 PACE- See Gardner report Attachment VII.
- 8.8-12 No reports.
- 9 Next Meeting Dates Sept.9, 1989 and Dec. 9, 1989.
- 10 Old Business A motion was made by Bogumil, which passed unanimously, that SSIT will participate in BIT net.
- Adjournment- There being no further New Business the meeting was adjourned at approximately 2:30 P.M.

SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY

SSIT AdCom Meeting Agenda

Time: Saturday, May 13, 1989; 10:15 AM to 4:00 PM Location: New York City, Empire State College, 330 W. 42nd St. (McGraw-Hill Bldg. adj. Port Authority Bus Terminal), Room #3 on 2nd Floor.

1.	Welcome and Introductions	Wald for Balabanian
2.	Adoption of Agenda	Benjamin
з.	Approval of Minutes of Prev. Mtg.	Benjamin
4.	President's Report	Wald for Balabanian
5.	Past President's Report	Unger, Robbi
۵.	Treasurer's Report	Apter
7.	Other Society Liaison	Gardner

8. Standing Committee Reports	8.	Standing	Committee	Reports
-------------------------------	----	----------	-----------	---------

l Awards	Barus
2 Publications (T & S)	Rabow
3 Conferences	Specter, Benjamin
4-Membership	Jatlow
5 Nominations/Elections	Unger
6 Chapters	Gardner
7 PACE	Gardner
<pre>8 Publicity and Public Relations</pre>	Izaak
of Technology and Public Policy	Bogumil
10 Students	Rubenstein
11 Constitution and Bylaws	Lawrence
12.Fellows	Mukhedkar, Unger

- 9. Next Meeting Date
- 10. Old Business
- 11. Liaison Reports
- 12. New Business
- 13. Adjournment

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

> 6624 Kirby Court, Falls Church. VA 22043 May 13, 1989

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

Subject: Other Society Liaison

- 1. The Washington, DC Chapter of the Computer Professionals for Social Responsibility has become an active Chapter with a "CPSR/DC NEWSLETTER" and meetings about every month. Liaison has been established with the Chapter President, David Girard, and the Chapter Secretary Joel Rothstein Wolfson (who is also a member of IEEE).
- 2. The Washington, DC Chapter of the Computer Professionals for Social Responsibility and the Northern Virginia/ Baltimore/Washington Chapter of the Society on Social Implications of Technology held a joint meeting on May 2 and have another joint meeting scheduled for June 6. It is very likely that additional joint meetings will be held in the near future.

Respectfully submitted,

Cernen E. Larkner Vernon E. (Veg) Gardner

(703) 533-0999

cc: J. Malvern Benjamin, Secretary. SSTT

SSIT Publications Procedures

- 1. The objective for the IEEE Technology and Society Magazine is to provide all of the following:
 - a. High quality refereed papers on SIT.
 - b. A forum for informed discussion of SIT topics among its readers, including non-refereed papers, correspondence, reports, and reviews.
 - c. Information on SSIT activities, plans, and achievements.
 - d. Editorials.
 - e. Where controversial topics are treated, fair coverage of all sides of the controversy. (As should be duly noted in the magazine, the consideration of controversial topics is an essential part of SSIT.)
- 2. The IEEE publication requirements (Section 6 of IEEE Policy and Procedures Manual, 1981) shall be followed. Among the IEEE requirements are that a magazine be published at least quarterly, and that each issue include at least one refereed paper which constitutes a significant component of the magazine.
- 3. Refereed papers shall be identified as such in the magazine, and shall be given publication preference over other papers of comparable length. The criteria for referee approval shall be that the paper is a significant treatise of an SIT topic, that the material is well presented, that statements of fact are correct and mathematical and engineering techniques are correctly applied, that reference is made to related work in the field, and that assumptions and opinions are so identified and the existence of contrary opinions acknowledged. No weight should be given by a referee to the position that an author takes on a controversial issue.

- 4. The Editorial Board of the magazine shall consist of three members, including the Editor and the Publications Chairman, who may be the same person. The members of the Editorial Board shall be appointed by the President of SSIT with the advice and consent of AdCom. Unless otherwise determined by AdCom, they shall serve without pay for one year terms, and may be reappointed without limit. Editorial staff (associate editors) shall be appointed by the President upon recommendation of the Editor. All policy of the magazine not specifically made or reserved by AdCom shall be made by the Editorial Board. Decisions on editorial policy shall be unanimous (not counting abstentions); otherwise, the issue should be referred to AdCom.
- 5. The referees for a particular paper shall be selected by the Editor from a list of referees (by area of competence) approved by the Editorial Board. Where ad hoc selection of referees is necessary, the Editor shall seek concurrence of the Editorial Board as soon as practical.
- Normally, each paper shall be reviewed by two referees.
 Referees will be asked;
 - a. to judge the paper in accordance with the criteria of paragraph 3
 - b. where appropriate, to offer suggestions for improvement
 - c. to make recommendations to the Editor regarding the disposition of the paper, indicating strength of conviction in their recommendations
 - d. to supply a critique and commentary appropriate for anonymous transmittal to the author.

If the two recommendations strongly agree, this will normally decide the disposition of the paper. If the degree of agreement is not unequivocal, the Editor may use his judgement either to seek the recommendations of another referee or to make a decision on the basis of the existing recommendations. If an already refereed paper is resubmitted by the author after revision, the Editor may resubmit it to the refereeing process or himself decide on the adequacy of the revision. The Editor shall inform the other members of the Editorial Board about intention not to publish a referee-approved paper, or not to submit a paper to the referee process upon request by the author except when it is obviously unsuitable.

- 7. Editorials may be provided by the following:
 - AdCom (majority approval required)
 - b. The Editorial Board
 - c. The President of SSIT
 - d. The Editor

The authority for and authorship of any editorial shall be clearly identified. Appropriate consultation by individuals (c and d) writing editorials is expected; for example, the Editor should at least consult with members of the Editorial Board.

8. The Publications Committee shall be comprised of the Editorial Board of the Magazine, the editorial boards of any other SSIT publications (such as Society Transactions), which may subsequently be established, and liaison representatives from major Boards of IEEE as stated in Article VIII of the SSIT Constitution. The Publications Committee shall attempt to achieve a consensus among its constituents; irreconcilable conflicts shall be referred to AdCom.

9. Plans for special issues of the magazine requiring guest editor(s) shall be approved by AdCom. Unless otherwise indicated by AdCom, the division of responsibility between the Editor and guest editor(s) shall be by agreement among them; however, the Editor shall at least review the final text to make sure that it meets the standards of the magazine. Irreconcilable differences between the Editor and guest editor(s) shall be conveyed in a timely manner to the Editorial Board. [Note, from Section 4, that the three-member Editorial Board includes the Editor, and that a veto on the Editorial Board causes the issue to be referred to AdCom.]

One of the standards of the magazine is [Section 1e]: "Where controversial topics are treated, fair coverage of all sides of the controversy." This requirement might be met in several ways in relation to special issues. It might be agreed that a special issue will cover only one side of a controversial topic, with other sides covered in subsequent issues of the magazine, and so stated in all the issues. Or, the guest editor might undertake to provide fair coverage in his/her special issue or section, with the Editor verifying that a good faith attempt has been made to achieve this objective. Or, several guest editors might be engaged to each concentrate on one side of a controversial topic, with the Editor deciding on a fair allocation of space (not necessarily equal page count, when one editor presents more high quality material than another).

Attachien

PUBLICATION PROGRESS REPORT:

SPECIAL ISSUE OF THE TECHNOLOGY AND SOCIETY MAGAZINE ON

INSPECTION AND VERIFICATION FOR DISARMAMENT

by Christine Specter May 13, 1989

Background

The objective of the special issue is to examine the topic of inspection and verification for disarmament. Subtopics include, at this time, on site visits, seismic monitoring, and satellite verification. An overview paper looking at political realities and opportunities is being considered as this could put the more technical topics into perspective.

Project Configuration

On December 10, the Ad Com gave me a few more months to attempt to work out a cooperative arrangement with the Geoscience and Remote Sensing Society, another Society, and/or to explore the idea of a special issue of the <a>IEEE Proceedings. possibilities have been explored; the results were not positive. However, we are in a position to proceed with a special issue of our magazine. Mr. Norman Jacobson, of the American Nuclear Society, and Dr. Derek Paul, of Science for Peace, have agreed to serve as guest editors. When the possibility of a joint issue with GRS fell through, I wrote to Dr. Paul explaining the situation and asking if he would still be willing to serve as guest editor; he agreed, providing that Dr. Raney would be willing to provide assistance in reviewing those articles related to the technical aspects remote sensing. (Attachments I and II briefly summarize the guest editors' backgrounds. Attachment III is a copy of my letter to Dr. Paul.)

The plan is to produce a document of approximately 5 articles. If more than 5 articles are submitted and are of sufficient quality, the guest editors could recommend that these appear in later issues of the magazine. The time schedule now is to reach publication mid-to late-1990, assuming i) 6 months for paper solicitation, composition, and submission; ii) 6 months for paper peer review and revision; and iii) 4 months for publication preparation at IEEE headquarters. (Dr. Paul hopes to be through with his part in the process by early 1990 as he is going on sabbatical.)

Potential Contributors

The first announcement to our membership appeared in the March 1989 issue of our magazine. (See Attachment IV.) We received responses from two individuals who would like to contribute. Dr. Peter Brogden, Department of Electrical Engineering, Ryerson

Polytechnical Institute, in Toronto; and Dr. Karl Perusich, Program Coordinator, Statewide Technology, School of Technology, Purdue University.

Both Steve Unger and Derek Paul suggested that Dr. Frank von Hippel (Center for Energy and Environmental Studies at Princeton University, be contacted regarding a potential contribution.

Also, one activity which preceded this special issue, was Session 24 at Electro '88, "Enhancing Global Security Through Information Sharing." Jim Lippke, one of the organizers of that session wrote letters to Robert Whelchel and to Tony Robbi, suggestion that papers from the session be considered for inclusion in our magazine. All of the presenters at that session could be considered as potential contributors. (See Attachment V.)

Next Steps

- 1. The most immediate concern is to get a Call for Papers in the next issue of our magazine and/or newsletter. Bob Whelchel told me that as long as I get the Call to him by August, it could appear in the September issue.
- 2. I have a draft of a Call which I could send to the guest editors, asking for their comments, criticisms, and suggestions, and then forward ASAP to Bob Whelchel. (See Attachment VI.) In order to do this, it must be determined by this Ad Com or by he guest editors whether all the papers are to be passed by both guest editors or if papers in certain categories are to be sent to one or the other. Also, we need to set a deadline for submission of papers.
- 3. I will inform both editors that Drs. Brogden and Perusich are interested in contributing.
- 4. Either Steve Unger or I should contact Frank von Hippel.
- 5. I could write letters to each of the contributors to Session 24 at Electro '88, telling them about the special issue and giving them a special invitation to submit their Electro papers, or recent updates, for consideration.
- 6. Norm Jacobson and Derek Paul are hoping to meet in June to discuss the details of their collaboration. I have told them both I would write to them after this Ad Com meeting with more detailed information. I would appreciate receiving any information the Ad Com would like me to pass on to them.

Wachment IV

PLANS FOR ISY EDUCATIONAL PROGRAMS

sponsored by the
Geoscience and Remote Sensing Society and the
Society on Social Implications of Technology of the
Institute of Electrical and Electronics Engineers (IEEE)

presented by
Dr. Christine Specter
Department of Management and International Business
Florida International University

PROPOSED ACTIVITIES OF THE GEOSCIENCE AND REMOTE SENSING SOCIETY (GRS-S)

GRS-S plans for ISY educational activities fall into four categories as described below.

- 1. NEWSLETTER ARTICLES- The <u>IEEE Geoscience and Remote Sensing Newsletter</u> has run several feature articles on ISY-related topics. Additional articles are planned for future issues. "The Earth Observing System" by James Graf, and "The Eos SAR" by Keith R. Carver, appeared in the May 1988 newsletter. "GRS-S and International Space Year (ISY)" by Christine Specter, and "HIRIS-NASA's High Resolution Imaging Spectrometer for the Earth Observing System" by Jeff Dozier appeared in the November 1988 newsletter.
- 2. SPECIAL ISSUES OF THE GRS-S JOURNAL- The March 1989 <u>IEEE Transactions on Geoscience and Remote Sensing</u> was a special issue on the Earth Observing System (Eos). Another special issue dedicated to ISY has been proposed for the 1992 timeframe.
- 3. SESSIONS AT REGULARLY SCHEDULED SYMPOSIA- At the International Geoscience and Remote Sensing Symposium (IGARSS '89) to be held in Vancouver, Canada, 10-14 July 1989, several sessions are scheduled that will cover ISY related subjects. ISY topics will have increasing prominence at future IGARSS. The theme of IGARSS '92 will be "Mission to Planet Earth: International Space Year."
- 4. OPEN AGENDA ITEM AT GRS-S ADMINISTRATIVE COMMITTEE MEETINGS-A small committee has been formed to study additional areas of GRS-S involvement. The GRS-S ISY committee is in the process of soliciting suggestions from its membership at this early phase of idea generation and discussion. Currently, the Administrative Committee is considering the inclusion of a lecture series on ISY for IEEE section meetings. Also, the GRS-S has approached the Space Systems Panel of the Aerospace Electronics and Systems Society, offering to assist in planning and implementing the IEEE ISY International Telecommunications Network. Beyond areas of GRS-S sponsorship, the Society will provide an information network and resource base for projects that extend beyond the scope of any one professional group.

Attachment IV

Proposed Electro '90 Session On:

VERY LARGE SCALE ELECTRONIC PUBLISHING (VLS-EP)

Howard F. Lipson - May 12, 1989

With the introduction and progression of optical disk technology, it may soon be economically feasible to place on a single disk the full suite of IEEE publications for an entire year, for less than members currently pay for a yearly subscription to a single journal. (Further intro . . .)

- 1. The Economics of Very Large Scale Electronic Publishing
 - 1.1. Current Trends (Electronic Backlash: Publishers charging more for "electronic convenience".)
 - 1.2. Economies of Scale vs. Fair Payment for Intellectual Property
 - 1.3. Delivery Systems: Communications vs. U.S. Mail (Hard to beat the bandwidth of an ordinary van.)

2. Legal Issues:

- 2.1. Copyright and Piracy Issues
- 2.2. Royalty Calculations in VLS-EP. (Meter the reader?)

3. Societal Impact:

Reclaiming the World's Basements: The Societal Impact of Inexpensive Privately Owned Very Large Scale Electronic Libraries:

- 3.1. Opportunities for Alternative Publishers (in tightly controlled fields, such medicine, etc.)
- 3.2. Opportunities for Self-Publication
- 3.3. Educational Impact
- 3.4. Political Impact
- 3.5. Impact of Permanence of Magazines and Newspapers

4. User Interfaces:

- 4.1. HyperText Interfaces to Very Large Scale Electronic Libraries
- 4.2. Browsing: Paper vs. Electronic (Psychological Studies)
- 4.3. Personalizing an Electronic Library: Annotations and Pathways

5. Engineering Issues:

- 5.1. Current and Future Capacity Overview of the Underlying Technology
- 5.2. Scanning and Optical Character Recognizers to Build Libraries. (Bit-mapped versus optically encoded text.)
- 5.3. Printing Technology.
- 5.4. Portable access to VLS-EP. (Electronic "slices" for personal lcd reader on the beach or train.)

6. The Future of VLS-EP

6.1. Animation — Audio — Multi-media libraries.

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

6624 Kirby Court Falls Church, VA 22043 May 13, 1989

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

Subject: Report of the SSIT Chapters Committee.

- 1. As for activities of the SSIT Chapters since the March 4, 1989 AdCom meeting, the Chapter activities which have come to my attention are:
 - a. Northern Virginia/Baltimore/Washington Chapter:
 - (1) On May 2, 1989, Marc Rotenberg, Director, Washington, D.C., Office, Computer Professionals for Social Responsibility (CPSR), spoke to a group of twenty-four on the subject "Computers, the Constitution, and Civil Liberties". This meeting was co-sponsored by the above CPSR Chapter and the NV/B/W Chapter of SSIT.
 - (2) On June 6, 1989, Professor Ben Schneiderman, Computer Science Department, University of Maryland will address the same co-sponsors referred to in the above paragraph on the subject, "Why I believe in User Interface and not Artificial Intelligence".

Respectfully submitted,

Vernon E. (Veg) Gardner

Chairman,

Chapters Committee.

(703) 533-0999

cc: J. Malvern Benjamin and Michael J. Whitelaw.

Boston Chapter

IEEE Society on the Social Implications of Technology

Co-Chairs: Bob Lagace (617) 271-5467, Alex Brown (508) 435-6851

MEETING TOPICS and SPEAKERS

1988-89 Schedule

Mon Nov	21	ARE WE BECOMING A MAXIMUM SECURITY SOCIETY?: -
		HIGH-TECH SNOOPING PUTS DEMOCRATIC PRINCIPLES AT RISK,
		Dr. Gary T. Marx, Prof. of Sociology, Dept. of Urban
		Studies & Planning, M.I.T.

- Mon Dec 12 NON-NUCLEAR DEFENSE OF EUROPE: NEW OPPORTUNITIES, NEW RISKS Dr. Kosta Tsipis, Director, Program in Science & Technology for International Security, M.I.T.
- Mon Jan 23 TO IMPROVE INDUSTRIAL COMPETITIVENESS: CAN THE PROBLEM BE PART OF THE SOLUTION?, Dr. James R. Melcher, Stratton Prof. of Electrical Engineering, and Director of the Laboratory for Electromagnetic and Electronic Systems, M.I.T.
- Mon Feb 13 TECHNICAL AND CULTURAL APPROACHES TO ENVIRONMENTAL RISK, Dr. Sheldon Krimsky, Assoc. Prof. of Urban & Environmental Policy, Tufts University
- Mon Mar 20 WHITE COLLAR COMPUTERS: COMPUTERIZATION OF TECHNICAL AND PROFESSIONAL WORK, Dr. Judith A. Perrolle, Assoc. Prof. of Sociology, Northeastern University
- Mon Apr 10 RECASTING SCIENCE IN PUBLIC DECISIONMAKING: FROM WEAPON TO AUXILIARY, Dr. Connie P. Ozawa, Program on Negotiation, Harvard Law School
- Mon May 8 PERSPECTIVES ON BROADBAND TECHNOLOGY & PARADIGM CHANGE IN COMMUNICATIONS INFRASTRUCTURE, Richard Jay Solomon, Research Associate & Visiting Scholar, The Media Lab, M.I.T.
- Mon May 22 CO-OPERATION: A DESIGN CRITERION? SUCCESS IN EUROPE! NETWORKS IN NORTHERN ITALY, SKILLS BASED AUTOMATION IN WEST GERMANY, Moderator: Dr. Frank Emspak, Mass. Centers of Excellence Corp., Panelists: Dr. Oscar Marchisio, Northern Italy, Dr. Rainer Schultz-Wild & Dr. Peter Brodner, Federal Republic of Germany, Co-Sponsored with Mass. Centers of Excellence Corp. and IEEE Robotics & Engineering Management Societies

Attach mont

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

6624 Kirby Court, Falls Church, VA 22043 May 13, 1989

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

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

- 1. The 1989 National PACE Workshop will be held offer the Labor Day week end at the Radisson Hotel Burlington in Burlington, Vermont. The theme is "Engineering in the Public Eye".
- 2. I expect to attend as the PACE Chairman for SSIT and be reighbursed through the Divisional Professional Activities Support funds.

Respectfully submitted,

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

cc: J. Malvern Benjamin, Secretary, SSIT.