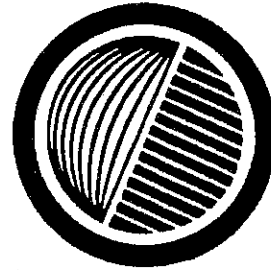




1981

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Council  
member

INTERNATIONAL ERGONOMICS ASSOCIATION

MINUTES OF THE COUNCIL MEETING HELD AT THE AMERICANA HOTEL, ROCHESTER, NEW YORK, OCTOBER 15-16, 1981

- PRESENT:** Dr. Sebastiano Bagnara  
Mr. David Caple  
Professor Nygil Corlett (representing D. Anderson)  
Mr. Harry Davis  
Dr. Etienne Grandjean  
Dr. Hal Hendrick  
Mrs. Marian Knowles  
Dr. William B. Knowles  
Mr. Ian Noy  
Dr. John O'Hare  
Dr. Richard G. Pearson  
Mr. Pieter Rookmaaker  
Professor Jan Rosner  
Professor Dr. Herbert Scholz  
Dr. Brian Shackel  
Mr. J. Ramon Silva (representing J. Castellanos)  
Dr. Sadeo Sugiyama

Members of  
Council.

- GUESTS:** Mr. Ulf Aberg, Sweden  
Mr. Sten Bergstrom, Sweden  
Mr. John L. Burch, Ergosyst Associates  
Prof. Danial Gopher, Technion - Israel Institute of Technology  
Mr. J. Hallam  
Mr. Tom Leamon  
Dr. Masamitsu Oshima  
Dr. Wanda Smith, IBM - Europe  
Ms. Catherine Stewart, EG&G Idaho, Inc.

Brian Shackel was present on October 16th but gave his regrets for absence on the 15th.

Apologies for absence were received from the following members of Council; Dr. Imre Molnar, Hungary, Dr. Tom Triggs, Australia, Mr. Gordon Simmonds, England, Professor Alain Wisner, France.

President, Professor Jan Rosner, called the meeting to order at 9:00 a.m.

C/81/1 - The IEA Council Agenda was reviewed and discussed. Mexico was added to Item #5 as a new member. The Mexican delegate, Mr. J. Ramon Silva, was introduced and welcomed to the group by Professor Rosner. An additional topic for discussion, Working Document on Future IEA Activities, was added to the Agenda.

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C/81/2 - The Minutes of the Executive Committee Meeting held in Geneva, February 3rd and 4th, 1981, were reviewed and the following corrections noted: Page 3, EC/81/5 - Dr. Wisner is a physiologist and not a psychologist; Page 3, EC/81/6 - b. T in The Ergonomics Society should be capitalized; Page 5, EC/81/14 - e. Ergonomics of Standardization should be changed to read Standardization of Ergonomics. The Minutes of the Geneva Meeting were approved with corrections indicated.

Harry Davis requested that the status of Action Items from the Geneva Minutes be reviewed.

Page 2, Action Item #1 - Harry Davis has communicated with the Asociation Mexicana de Ergonomia, A.C. as to their interest in hosting the Congress for Ergonomics in Developing Countries and to date has not received a written reply.

Page 2, Action Item #2 - Harry Davis has written Ilkka Kuorinka of Finland to act as technical program chairman for this Congress and has received his letter of acceptance.

Page 3, Action Oct. IEA Council: Harry Davis stated that distribution of profit or loss for the proposed Congress on Ergonomics in Developing Countries needs to be decided and financing of the Congress has to be accomplished.

Page 3, Action Davis/Sugiyama: It has been requested that the 8th Congress Organizing Committee consider Dr. Grandjean, Dr. Wisner and other Japanese physiologists, psychologists and ergonomists to present a conference on VDU's at the 8th Congress.

Page 4, Action Davis: The draft copy of the proposal on Future IEA Activities has been sent to the Federated Societies soliciting their review and suggestions.

Page 4, Action Sugiyama: Regarding the question of having a plenary speaker on the subject of teaching of Ergonomics to persons from developing countries at the 8th Congress, discussion was deferred until the subject of the 8th Congress was reviewed.

Page 5, Action Council: A note was made on the agenda that a 2/3 majority vote of membership be required for rules to be passed. This item appears later on in these Minutes.

C/81/3 - Oslo Minutes - Harry Davis stated that the only person who wrote regarding corrections in the Oslo Minutes was Dr. William Knowles. Among other corrections which were incorporated into the Oslo minutes, he requested that Mrs. Knowles should be acknowledged as being present at that meeting. Further recognition should have been made that Mrs. Knowles is the Executive Administrator of the Human Factors Society.

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Correspondence with the Human Factors Association of Canada is appended to these Minutes.

It was noted that the Secretary of the Human Factors Society is not Marian Knowles but is Dr. Susanne Gatchell. The Secretary's list will be changed to reflect this. Also the Newsletter Editor for the Human Factors Society was changed from Tyler Blake to Mark Brecht.

The Minutes of the Oslo Council Meeting were accepted with changes noted above.

C/81/4 - Treasurer's Financial Report - Professor Dr. H. Scholz

Professor Scholz shared INCOME AND EXPENDITURE JAN. 1981 - OCT. 1981. Total income for the period was 6,190 DM. He pointed out a typing error on page 1; the balance in Commerzbank, January 1981, should be 18,459 DM instead of 18,481 DM as shown. A corrected statement is enclosed with these minutes (APPENDIX II).

A discussion was held regarding Federated Societies with dues in arrears. Regarding the Nordic Ergonomic Society's 700 DM due for 1979, Professor Scholz read a letter from Ilkka Kuorinka stating that the fee has been delayed and will be settled at their earliest convenience. Dr. Bagnara stated that the Sociedad Espanola de Psicologia amount in arrears of 1,600 DM is difficult to obtain from all members because their total membership is not interested in human factors. Harry Davis pointed out that there are different types of membership available, federated, affiliated and associated, and perhaps they should consider downgrading the membership status of those not interested in human factors from federated to affiliated societies and thereby reduce the membership fees. Professor Rosner stated that although the Yugoslav Ergonomics Society was represented at the 6th Congress and at Oslo, they have not attended Council meetings. He would like to see some correspondence initiated requesting them to pay their dues and also to be represented at Council meetings.

Professor Scholz pointed out the letter he wrote to the Nordic Ergonomics Society stating dues for 1980, 1981 and 1982 and asking them to please remit payment. Mr. Alberg will speak to the treasurer of the Nordic Society and request that they pay their dues in arrears.

Mr. Rookmaaker stated that the Nederlandse Vereniging voor Ergonomie would like to have the financial information available sooner for discussion prior to the Council meeting so they are aware of their status and he also proposed making a fixed period for the statements, perhaps from January to December for year to year comparisons. Council accepted the proposal to have calendar year statements and to receive information prior to Council meetings. He stated that his Society will pay as soon as possible.

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ACTION: Professor Rosner stated that the Polish Society should be able to have  
ROSNER payment made before the end of the year.

ACTION: Mr. Bagnara said that the Societa Italiana di Ergonomia had sent their  
SCHOLZ dues in June and then Mr. Pisano received another letter from Professor  
Scholz which he answered. Professor Scholz will check on that matter.

Professor Sugiyama believes that the Japan Ergonomics Research Society  
has already paid.

ACTION: David Caple said that the Ergonomics Society of Australia and New Zealand  
CAPLE have forwarded all of their operations to a central secretariat. He will  
send them a letter asking them to pay their arrears.

ACTION: It was pointed out that the monies received from the 1977 Conference in  
SCHOLZ London which was hosted by Reg Sell and recently turned over to the IEA  
(3.166) should show statement that monies realized from the meeting as  
well as interest accrued over the past few years should be included in  
the amount. Professor Scholz will write a letter to see if this interest  
was included and ask for payment of such if it was not. It was also  
noted that the conference was held in 1977, and not 1967.

Note  
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The next financial statement will be prepared by Professor Scholz for the  
Executive Committee Meeting in late February 1982. It will cover the period  
of 1 January 81 to 31 December 1981.

C/81/5 - Israel/Austria/Mexico - New Members

Daniel Gopher of the Israeli Ergonomics Society spoke regarding their  
organization. It was established one year ago and they are having  
their anniversary meeting next month. The Society is a group of 120  
members, comprised of people from the medical profession, psychologists,  
engineers, and other related fields. They generally have three technical  
conferences during the year. Professor Rosner greeted the Israel  
Ergonomics Society, a vote was taken for admission as a Federated Society  
and was unanimously approved by Council.

ACTION: Harry Davis received a letter from Andreas Weiss, Executive Secretary of  
DAVIS the Osterreichische Arbetisgemeinschaft fur Ergonomie. The Austrian  
Society is a group of 24 members and they are requesting a trial member-  
ship in the IEA. Harry Davis has written to them requesting supporting  
materials, aims and objectives but has not yet received a reply. The  
question was raised as to whether they should be granted a trial member-  
ship for one year. After a discussion, it was decided that a trial  
membership cannot be granted according to our rules. Harry Davis will write  
them again and ask for further information and the decision will be deferred  
until the next Executive Committee Meeting.

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The Asociacion Mexicana de Ergonomia, A.C., a group of about 600 members, has been accepted as a member of the IEA by mail ballot following the Oslo meeting. Javier Castellanos is the Executive Secretary of their Society and the IEA representative of the Mexican Society and J. Ramon Silva was the delegate at this Council meeting. Mr. Silva will speak with other members of the Society and send further information regarding their aims, rules, etc., as well as a new address for Mr. Castellanos and their treasurer and newsletter editor. Professor Rosner welcomed them to the IEA and expressed his hope for a cooperative effort, especially with regards to the Congress for Ergonomics in Developing Countries. Professor Scholz has written regarding dues. The Society's next annual meeting will be October 28th, 1981.

C/81/6 - Relations with ISO - Tom Leamon

Mr. Leamon stated that the two main problems regarding IEA response to ISO are time and money, with the main difficulty being response time. If the present approach is continued, we must bear in mind that we may receive only one or two replies. Tom suggested two different approaches we may wish to consider:

- 1) We can adopt the stance that we are a center of information and a source to make members aware of all information.
- 2) The IEA can act as a change agent. Tom's role would be to demonstrate the activity of ISO and encourage individual societies to form links with their own standards agencies.

Tom asked for suggestions as to what the role of IEA should be relative to response to ISO. After discussion, it was decided to accept suggestion #2 -- The IEA will act as a change agent and encourage member societies to form links with their standards organizations where they do not already exist.

Tom Leamon also asked what sort of active input can the IEA make to ISO? Considering the problem of travel expenses to attend meetings, there should be a voice going from ISO into TC 159 and Tom asked for suggestions as to how this can be accomplished.

Mr. Rookmaaker stated that he feels there is some risk that when financial support of TC 159 has run out, the work will be finished. So the question is not only how can IEA finance relations with ISO and TC 159, but do we think there is a necessity to support TC 159 financially in the future so that its work may be continued. It was decided that Professor Juptner, Chairman of TC 159, should be invited to speak to the IEA Council. Professor Scholz has spoken to Professor Juptner regarding the problems with TC 159 and the necessity of finding supporting bodies (ILO, WHO, IEA, UNEC) who may be interested in providing some money nationally or

ACTION:  
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internationally to support TC 159 on humanitarian grounds. Professor Scholz will contact him to see if he is willing to attend the next Executive Council Meeting in Geneva to discuss the subject and Professor Scholz will report on the outcome at the Council meeting in Tokyo. Professor Scholz also stated that Professor Juptner will be paid to come to Geneva.

ACTION:  
SCHOLZ

C/81/7 - Revision of Rules

The question was raised of how, when and who has the authority to revise the Rules and what mechanism is used to amend them.

Harry Davis stated that a simple majority vote of Council will change the rules. The decision to change them lies with the Council and need not have the approval of the federated societies. The Secretary General will draft a statement that Council may decide to change the rules. The proposed statement will be sent to federated societies for approval.

ACTION:  
DAVIS

Mr. Davis also mentioned that communication between member societies and the Secretary General is extremely slow and that societies should inform their delegates of their approval or disapproval.

*Rule  
Change*

The Proposed Statement On Rules Changes

In practice, Council should inform member societies in advance of any proposed rules changes. Their ideas and opinions should be solicited.

ACTION:  
DERATED  
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Council has the authority to change the rules by a two-thirds majority vote. Council will then inform the various societies of such changes.

C/81/8 - Meetings

A lengthy discussion was held relative to biennial versus triennial meetings. Harry Davis feels Congresses should be held every two years because of the constantly growing membership in ergonomics throughout the world and also so that countries in different hemispheres of the world may have the opportunity to host such congresses, thereby giving more promotion of the field of ergonomics worldwide.

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Dr. Grandjean opposed the biennial concept due to economic factors. Since he usually tries to pay half of the cost for members of his Institute to travel to these meetings, he cannot afford to do that every two years. He would prefer to see the International Congresses every three years with smaller congresses with a certain theme or objective held in between since it is easier to find funds for those meetings.

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Dick Pearson stated that if the IEA could hold biennial conferences in conjunction with another Society's annual meeting, he would like to give the two-year spacing a trial.

Ian Noy favored the two-year spacing of Congresses for three reasons:

1) If IEA recognized joint meetings that take on an international flavor, it is still going to cost the same amount of money to send people; 2) If a country is interested in bidding to host a triennial Congress, it is often very discouraging in view of the fact that the soonest possible available date is many years hence; and 3) he sees many changes and directions that human factors and ergonomics are taking and consequently feels three meetings in a decade are not enough to keep abreast of these changes and directions.

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of IEA.  
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people*

Harry Davis stated that the economics of two-year meetings are different. He pointed out that IEA was not involved financially whatsoever in the Oslo meeting. The proceeds were totally realized by the Nordic Society with none of the expenses being borne by the IEA. He pointed out that IEA has to find ways of developing more income to support its objectives and goals and that hosting Congresses is an income generating activity. This also exposes the field of ergonomics to more people by having a Congress every two years, thereby generating more interest in ergonomics and a subsequent growth in IEA income.

Nygil Corlett would rather maintain the three year international Congresses, along with developing more, smaller national meetings focusing on certain subject areas to promote interest in particular aspects of ergonomics, and paying particular attention to publicity efforts for those meetings. He suggested changing the wording of the Rules to state that there should be a general Congress at least every three years and that the IEA, in conjunction with federated societies, shall support special congresses in between. He would keep the timing for the general Congresses as they are, and would allow Council the discretion to fix, in conjunction with the need, the timing of special Congresses. It would also be within the discretion of Council to decide if such specific Congresses would be held simultaneously with a meeting of the IEA Council. For meetings held in conjunction with national societies, the IEA should contribute by providing money for publicity, etc., as the local group deems necessary and they should be actively participating, but should not take over from the national group. If deemed appropriate, the IEA should derive a minor portion of the proceeds from such meetings.

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Dr. Pearson stated that Congresses in between triennial conferences should be labeled as "international" to pacify those persons budgeting for biennial conferences. He would like to see by mid-year a listing of potential international conferences for the next five years for planning purposes so that communication may be opened and coordinating times for IEA Council meetings may be planned.

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Harry Davis stated that initiative to hold such joint meetings may never be taken unless there is a person designated to encourage them. He will talk to the Canadian representative to see if they are interested in holding

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joint Congress on a topic of interest to the IEA and Canadian Human Factors Association between the 1985 and 1988 Congresses.

If IEA went in the direction of two-year meetings, the question was raised as to whether the terms of office would also change. Currently, the President serves for a period of three years, the Secretary General and Treasurer may serve for two, three-year terms. Professor Rosner stated that if we went to two-year meetings, the President's term would be changed to two years, with four-year terms for the Secretary General and Treasurer. It was felt that a two-year term for the President is a rather short time period to become acquainted with the responsibilities and operation of the office and that a three-year term would be more beneficial and realistic to the Association.

Professor Grandjean made the following proposal regarding biennial versus triennial Congresses and Terms of Office:

The International Congress of the IEA shall be organized at least every four years. The Council shall decide when and where the International Congress shall be held.

Other International conferences, symposia or workshops on special topics shall be organized between the International Congresses. If possible, this shall be in cooperation with a Federated member or with other international institutions. The Council can initiate other activities which correspond to the objectives of the IEA.

Since terms of offices correspond to the frequency of our triennial Congress, these would have to be altered if Congresses were held more frequently. Consequently, Dr. Grandjean made the following proposal:

Terms of Office

Period of office will normally commence with the International Congress. The President will serve for the period between International Congresses (in addition to any period as an ordinary member of the Council). The Secretary and the Treasurer may serve for a maximum of two consecutive periods between International Congresses (in addition to any period as an ordinary member of the Council).

Each representative member of Council will serve initially for one period between two International Congresses, but will be eligible for our reelection.

Professor Rosner asked for a vote on Dr. Grandjean's proposals. Of the 15 Council members present, 11 voted for the proposal, one against and two abstained. A majority vote of Council was not received.

Inasmuch as there is a rapid and significant growth in ergonomics interest and membership around the world, including new federated societies from diverse geographical areas, the IEA Council is faced with the dilemma of how best to satisfy international interests as well as

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to expand our image around the world for the good of us all. Current IEA Policy does allow for IEA sponsorship of conferences proposed by other organizations, but has no control of their location or conduct. One proposal under discussion is to change the Congress from Triennial to Biannual status. On the other hand, this proposal does raise issues of travel costs and Congress organization. Consequently, the IEA Council encourages (a) discussion of this subject (including alternatives) among its Federated Societies and (b) feedback through its representatives to Council for early debate and policy decision.

Societies are asked to consider and discuss the entire question of the frequency of IEA Congresses and the consequent terms of office. Further, delegates to Council are asked to come prepared to discuss these questions at the next Council meeting in Tokyo.

C/81/8 - Awards Committee Report

A decision was made at the Munich Council in 1978 to set up awards to be given for outstanding contributions in international ergonomics. The President of the IEA serves as Chairman of the Awards Committee. Council approved this decision at the Oslo meeting, and a five member committee was established to seek nominations for this award. The following candidates have been nominated: Dr. Chapanis, Professor Grandjean, and other distinguished persons.

Professor Rosner proposed ratifying Professor Grandjean and Dr. Chapanis to be the recipients of the formal awards and to replace Professor Grandjean as a member of the Awards Committee with Professor Metz, since he cannot remain on the committee if he receives an award. Professor Rosner mentioned that both Dr. Chapanis and Dr. Grandjean will be retiring this year and this would be quite an honor to bestow upon them. Council accepted the nominations unanimously. Harry Davis will communicate with the successful candidates and the awards will be presented at the 8th Congress, IEA in Tokyo.

Dr. Pearson and Dr. Pew will work on a subcommittee to design a suitable award for the presentation to these two people at the Tokyo meeting. Several ideas for awards were mentioned, among them a medal, scroll, plaque, mirror, etc., with a suitable citation. Professor Scholz stated that funds available for the awards will be \$150.00 each. Approval of the form of the awards will be the responsibility of the Executive Committee in order that they may be ready for the Tokyo meeting.

C/81/9 - Selection of Auditors for the 8th Congress

A suggestion was made by Professor Grandjean to hire professional auditors for the 8th Congress. Two IEA members from the German Society, Professor Rutenfranz and Professor Laurig, have volunteered to continue as auditors for this Congress. Due to the added expense of hiring professional auditors, Professor Rosner proposed to continue with Professor Rutenfranz and Professor Laurig. Council agreed to have them handle the auditing for the 8th Congress.

Auditors

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C/81/10 - Publications - John O'Hare

Address?

Don Anderson has been replaced by Steve Konz as Newsletter Editor of Ergonomics International. This appointment, which was initiated by Harry Davis, has been recommended by the Publications Committee. Professor Rosner proposed that Council agree to appoint Steve Konz as Newsletter Editor. This was approved unanimously.

Since the decision to issue a Newsletter had already been approved, there was no reason to take a vote. Professor Rosner stressed the importance of the content of the Newsletter and the need for each representative to submit information to Dr. Konz about what is taking place in their respective countries. Professor Rosner further stated that we all must contribute to the Newsletter so that it will become an important part of the IEA's operation.

A discussion was held regarding distribution of the Newsletter. In addition to being sent to officers, council members, officers of federated societies and newsletter editors of chapters, each representative of Council should give Steve Konz a list of people from his country to include in the distribution. The cost of duplication is approximately 5c per page. Cost of mailing internationally is approximately 30c each or \$2.00 per year person.

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C/81/11 - 9th Congress, 1985

One request was received to host the 1985 Congress and that came from The Ergonomics Society. A vote was taken and the majority of Council was in favor of holding the 9th IEA Congress in England (15 votes for, 0 against, 0 abstaining). The Ergonomics Society Council is to send a draft proposal for the 9th Congress which is to be reviewed by Council at its next meeting in Tokyo.

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C/81/12 - 8th Congress IEA

Dr. Sugiyama presented the revised budget for the 8th Congress in Tokyo (\$1.00 = 230 Yen). See Appendix III. Due to the fact that the Science Council of Japan is now unable to support this Conference as originally planned, it was necessary to change the budget which was presented at Oslo. Dr. Sugiyama requested Council's approval of the revised budget, with a participation fee of \$215 per person. Council approved the revised budget and the participation fee, but it was suggested that for future Congresses, Council should be informed of the budget in advance. / X

Dr. Sugiyama has arranged to have the Osaka Symposium on the Contribution of Microelectronics to the Enhancement of Human Life held in Japan just prior to the IEA Congress. This symposium, which is being hosted by the Japan Society of Human-Robotics, will be held at the National Museum of Ethnology in Osaka on August 19th and 20th, 1981. Dr. Sugiyama distributed information and pre-registration forms for this symposium.

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Registration forms and a Call for Papers with an outline of the proposed program and activities for the 8th Congress were distributed and reviewed. The Congress will be held in the Nihon Toshi Center, which is located in the center of Tokyo, from August 23rd through 27th, 1982. The final details of the Opening Ceremony to be held at 9:00 a.m. on August 24th, have not been finalized yet, and Dr. Oshima asked that Council inform him of any ideas or suggestions. Mr. Rockmaaker suggested that the Awards be presented at the Opening Ceremony and Council agreed. They will be presented at the Opening Ceremony by the President and Secretary General of the IEA, and Harry Davis will bring the awards to the meeting. Dr. Oshima is also looking for advice and ideas for the General Assembly and Closing Ceremony.

The deadline for submitting abstracts has been extended from November 30th, 1981 to December 31st. Five copies of abstracts should be submitted and subjects other than those listed in the Program outline will be accepted for Technical Sessions. Dr. Oshima would like to see one chairman from overseas and one chairman from Japan for the Technical Sessions. Workshops, tutorials and film sessions are also being planned. Dr. Grandjean pointed out that choice of workshops and symposia is very important. The final decision will rest with the Organizing Committee, but they will accept suggestions from Council. Harry Davis has submitted a list of suggested speakers which the Organizing Committee is currently reviewing. Council also felt that interactive and poster sessions would be worthwhile. Although it is too late to make a formal announcement, Dr. Sugiyama said that Council may pass the word along that interactive and poster sessions will be considered. Various optional tours are also being organized and Dr. Oshima expects many people to participate in them.

The common language of the Congress will be English and the plenary sessions will be translated into Japanese, English, German and French. The Proceedings will be published in English and Japanese.

Vice Chairman, Kunie Hashimoto, has passed away, but his name will be retained on the Organizing Committee for 1982.

Brochures and registration forms will be disseminated throughout the world via the secretaries of the Federated Societies and they will also be mailed directly to those people who responded to the first announcement (approximately 100 persons, including those from Japan). The Committee is expecting approximately 700 people to attend the Congress. The Program states that there will be no refunds due to cancellations. Dr. Oshima said that the cost of Proceedings will be refunded, but registration fees are nonrefundable. Some members of Council felt that this would create problems and suggested the possibility of refunding only a portion, perhaps 75 percent of the registration fee. Dr. Oshima will discuss this matter with the Committee.

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It was mentioned that equipment for overhead projections should be made available at the Congress.

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David Caple suggested ending the Program each day at 5:00 with 1½ hour lunch break instead of a 2-hour lunch period and ending at 5:30.

ACTION:  
ALL COUNCIL  
MEMBERS

Dr. Sugiyama reminded Council that the Japanese government does require a Visa.

ACTION:  
SUGIYAMA

~~Harry Davis requested free hotel rooms be provided for IEA officers at the Tokyo Congress as well as at all future Congresses. Dr. Sugiyama will try to arrange for this in Tokyo.~~

Professor Grandjean felt that for future international congresses, Council should have information on the programs and financial matters, particularly fees, well in advance so that Council can discuss them and suggest any changes. He also suggested having lower fees for members and possibly for students for future Congresses. Professor Scholz reminded Council that 50% of the proceeds from these Congresses go to the IEA.

The next IEA Council Meeting will be held on Monday, August 23rd and Friday evening, August 27th, 1982 in Tokyo.

C/81/13 - 10th IEA Congress - 1988

At the meeting in Oslo, it was decided that the 10th IEA Congress should be held in Australia in 1988, but an official letter of invitation had not been received. Harry Davis has since received a letter of invitation from the Ergonomics Society of Australia and New Zealand to host the Congress in 1988. David Caple said that there has been a good response from other national societies to the idea of meeting in Australia. Tentative arrangements are to hold the convention in Sydney where the convention facilities are very good. Arrangements are being made with the airlines to coordinate inexpensive air fares. A formal vote of Council was taken for holding the 10th IEA Congress in Australia, with 10 votes for and one abstaining. Australia was accepted as the site for the 10th IEA Congress in 1988.

C/81/14 - Ergonomic Communication - John Burch

Encouraged by Professor Grandjean, John Burch attended the Council Meeting on Friday and briefly described his Company's objectives. Mr. Burch is President of the Ergosyst Association, located in Kansas. They are a new company that provides information dissemination in the field of applied human sciences. Literature in this field, and every discipline of ergonomics, is very difficult to locate and they have decided to put together piece by piece a service to help address that need. The strongest felt need is for international exchange and awareness of research and literature. An additional objective is to disseminate the large amount of unpublished materials of human factors literature which is free to circulate. During the next year, they will be contacting members of the various societies to get further ideas on what types of materials and what kind of needs are important. They may publish a newsletter in different languages to relate research which is being carried on in the field of ergonomics throughout the world.

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Mr. Burch will be in touch with Harry Davis and Newsletter Editor, Steve Konz.

C/81/15 - Congress for Ergonomics in Developing Countries

Harry Davis has communicated with Mr. Hellen of ILO and Dr. El Batawi of WHO regarding the proposed Congress on Ergonomics in Developing Countries. Mr. Hellen has stated that ILO has taken action and will support a joint effort to hold such a Congress. WHO has been approached, but no response has been received as yet. Mr. Davis has written to Dr. Ilkka Kuorinka of Finland asking him to chair the technical program for the Congress and Dr. Kuorinka has accepted. Mr. Davis requested that federated societies send suggestions for possible speakers at the Congress to Dr. Kuorinka, Institute of Occupational Health, Laajaniityntie 1, SF-01620 Vantaa 62, Finland, by December 31, 1981.

It is hoped that the Congress can be held in Mexico in December, 1983. Mr. Davis has written to Dr. Castellanos, Executive Secretary of the Mexican Ergonomics Society, and has not yet received a response. ILO has agreed to financially support certain aspects of the Congress and when the IEA Executive Committee meets, the details should be worked out with ILO and WHO as to how costs and potential profits will be shared by the four organizations.

C/81/16 - Dr. Grandjean's Document on "Ergonomics - A Tool In Occupational Health"

Council discussed Dr. Grandjean's document (Appendix V) and suggested that the 8th Congress Organizing Committee consider having a general discussion of the paper in Tokyo. The Organizing Committee will give consideration to this matter and Council will discuss the paper further at its meeting in Tokyo.

C/81/17 - Relations with Other Societies - IFIP-IFAC - Brian Shackel

Brian Shackel distributed copies of the "Report of Exploratory Meeting on Mechanisms for Cooperation between IFIP & IFAC and Ergonomics/Human Factors Organizations". (Appendix VII) Council reviewed Professor Shackel's recommendations and urged him to proceed with his research and report back to Council or the Executive Committee at the next meeting if he can attend. Harry Davis will write to Professor Shackel and ask him what his needs are from IEA relative to this and it will be put on the agenda for the next Executive Committee Meeting.

C/81/18 - ICSID - John Wood

John Wood was not present at the meeting. Harry Davis will write Mr. Wood and send him a copy of IEA Guidelines for Meetings and tell him that we are very interested in holding a joint ICSID/IEA meeting. Mr. Davis will report on this subject at the Executive Committee Meeting in February.

EC/81/19 - Working Document on Future IEA Activities

The Working Document on Future IEA Activities, by E. Grandjean, P. Rookmaaker and B. Shackel was reviewed and discussed document appended. Harry Davis stated that with regard to point #1 under Invitation to Action, positive steps are being taken to plan a joint Congress on Ergonomics in Developing Countries.

Professor Grandjean asked if it would be possible to accept this paper as an official rule or guideline of the IEA. Professor Rosner suggested this possibility, as well as Council's ideas relative to the suggested activities, be discussed at the general assembly of the Tokyo meeting.

Mr. Rookmaaker will send a description of an educational TV program on ergonomics which the Dutch Society is working on and the name of the person to contact for more information to be included in the Minutes. A program of this type on an international level would be a possible future IEA endeavor. Mr. Rookmaaker also pointed out that point #3 under General Methodology -- "Nominate individuals and/or committees to study specific problems and to produce an output (recommendations, guidelines, project plan, etc.)" is a new idea and we should discuss ways to implement this.

ACTION:  
ROOKMAAKER

Harry Davis will ask federated societies to review the document and instruct their delegates at the 8th Congress to be prepared to discuss specifics at the General Assembly and Council meeting in Tokyo.

ACTION:  
FEDERATED  
SOCIETIES

EC/81/20 - Change in IEA Officers

Harry Davis reminded Council that at the 8th Congress in October there will be a change in the offices of President, Treasurer, and possibly Secretary General and their delegates should be thinking about it. It is the Council that selects officers and traditionally the next President comes from the host country, although this is only an unwritten policy. Professor Grandjean proposed that we have inputs from the Federated Societies by mid-February, 1982, so that the Executive Committee can consider specific proposals for these offices.

ACTION:  
DAVIS

EC/81/21 -

The next meeting of the Executive Committee is scheduled for March 15 and 16, 1982 at the International Labor Office in Geneva, Switzerland.

APPENDIX

- I. Minutes of the Executive Committee Meeting - WHO, Geneva, Switzerland;  
February 3 and 4, 1981
- II. Corrected Treasurer's Financial Report
- III. Budget for the 8th Congress of IEA
- IV. Working Document on Future IEA Activities
- V. "Ergonomics: A Tool in Occupational Health" by Professor Dr. E.  
Grandjean
- VI. Rules of the International Ergonomics Association
- VII. Relations With Other Societies - IFIP-IFAC - by Brian Shackel
- VIII. Policy on the Support of Conferences in Ergonomics

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