#### Minutes of the ICF Executive Committee Meeting

#### Cincinnati, 30 April 1995

- President Hausner opened the meeting at 14.10 and welcomed the members. He mentioned that the secretary Stone has moved from South Africa to Australia and found it difficult to take over the presidency.
- 2. Dr. McLaren, on behalf of the Nomination Committee, proposed the following officers:
  - R. Bowman president
  - S.I. Hirano president-elect
  - D. Niesz vice president
  - S. Hart secretary

#### members:

P. Vincenzini - ex-officio Academy of Ceramics

J.-K. Guo - China

M. Zamudio - Mexico

M. Sayer - Canada

J.F. Baumard - Europe

The former presidents McLaren, Metselaar and Hausner continue to serve in the Executive Committee.

The proposal was accepted by the Executive Committee. The president will verify if Dr. Hart, Sayer and Baumard accept the positions. In case Dr. Hart might not be able to take over the secretariat, Dr. Bowman will ask Dr. Stone to continue or ask Benn Nissan to take this position.

3. During the ICF Meeting in Florence, June 1994, it was discovered that the position of the Academy of Ceramics was not accounted for in the Constitution. The Committee decided to propose to the Council to add to the Constitution under article 2, an item d. with the following text:

The academy of Ceramics (international)

- 4. Dr. Stone had written a letter with suggestions for the tasks of the Executive Secretary of the ICF (Dr. Paul Holbrook). The Committee decided to take over these suggestions. Dr. Holbrook promised to respond to the president after having studied the suggestions.
- There being no other business, president Hausner closed the meeting at 14.45.

#### Minutes of the ICF Council Meeting

#### Cincinnati, 30 April 1995

- 1./2. President Hausner opened the meeting at 15.00.
- 3. He informed the Council members about the proposal for the new ICF Executive Committee members. With 1 abstention the Council agreed upon the election of the following members:
  - R. Bowman president
  - S.I. Hirano president-elect
  - D. Niesz vice president
  - S. Hart secretary

#### members:

P. Vincenzini - ex-officio Academy of Ceramics

J.-K. Guo - China

M. Zamudio - Mexico

M. Saver - Canada

J.F. Baumard - Europe

The former presidents McLaren, Metselaar and Hausner continue to serve in the Executive Committee.

The President thanked Stone for his very efficient work as secretary. He then welcomed Dr. Richard Bowman as the new President of the Federation.

The meeting was continued under dr. Bowman as the chair.

- 4. The minutes of the previous meeting were accepted without changes.
- 5. During the meeting of the Council in Florence, 1994, the Council found that the position of the Academy of Ceramics was not accounted for in the Constitution. The Executive Committee therefore proposed to add to the Constitution the following sentence under article 2, as item d.:

The Academy of Ceramics (international).

The Council agreed upon this addition.

- 6. Prof. Hausner presented a report about the activities of the Research Committee concerning the project IRIS/C (International Research Information System Ceramics). The objective of this project is to develop a worldwide database system for information retrieval on research activities of institutions with a major interest in ceramic materials. 27 Questionnaires were distributed to national ceramic societies, 17 countries have sent back the completed forms, 5 more are expected, 5 countries have not replied so far. Herewith the database now includes data from 222 research institutes.
  - The council agreed that the information should be made available on disk at a minimum price for the ICF members and for a higher price to industries. Prof. Hausner and Dr. Holbrook will prepare a proposal for the distribution and price.
- 7. Dr. Desmaison could not be present at the meeting, but had sent a report with a proposal for possible activities of the Education Committee. It was decided to include this proposal with the minutes and ask the Council Members to discuss the different items in their societies. The topic will be included in the agenda of the next Council Meeting.
- 8. Prof. Metselaar had prepared a note about the use of e-mail and in particular World Wide Web for the dissemination of information about the ICF. The Council was happy with this suggestion and asked Prof. Metselaar to investigate the possibilities to set up such a system.

- 9. Meeting calendar. It was felt that the calendar in the ACerS Bulletin fulfilled this role to a large extent already and that members should be encouraged to send information about Meetings to the ACerS. Similar information could be included in a page of the ICF on WWW as soon as this has been started (see item 8, above).
- 10. No news was available about the listing of professional societies and officers. Prof. Metselaar will contact Dr. Stone to see which information is available to include in WWW.
- 11. Dr. Schneider presented a report on the activities on standardization by ISO 206. ICF has been formally asked to participate as liaison group in ISO 206. In particular cooperation is sought on terminology and nomenclature. Prof. Hirano will coordinate these activities.
- 12. Prof. Kingery reported that a two-day symposium on the history of ceramics will be organized in conjunction with the ACerS Centennial in 1999. He asked the support of the ICF. He also mentioned that a book will be published on this occasion and that any assistance to obtain financial support from industries would be appreciated.
- 13. No report was available from Prof. Palmonari on traditional ceramics. During a discussion the Council members agreed that traditional ceramics is as much a part of the working area of the ICF as other topics within ceramics. It is therefore included in the activities of the standing Committees on Research, Education, History and Environment. Unless a specific problem or event on traditional ceramics arises, it will not be included in the agenda.
- 14. The 1st International Symposium on Environmental Issues of Ceramics was held on October 19 and 20, 1994 in Sapporo, Japan. The meeting was a success as far as the programme was concerned, but the attendance (70 persons from 9 countries) was relatively low. Chairman Janagida, secretary Joshimura and executive advisor Udagawa, proposed to the Council to organize the 2nd Symposium during the PacRim meeting, 14-17 July, 1996 in Cairns. The Council welcomed the initiative. Dr. Bowman and Joshimura will organize this symposium.
- 15. Prof. Hausner, announced that the ECerS offers a free booth to all ICF member societies at the 4th ECerS Conference, 2-8 October 1995 in Riccione, Italy. The members may also present a maximum of 4 posters about their Society and the ceramic activities in their country, provided that no commercial advertising is sought.
- 16. The next meeting of the Executive Committee and Council will be held during the 4th ECerS meeting. The date will be fixed as soon as possible.
- 17. There being no other business the President closed the meeting at 16.45.

Enclosure:

Report Desmaison Report Metselaar



## INTERNATIONAL CERAMIC FEDERATION

#### Minutes of the ICF Council Meeting

#### Cincinnati, 30 April 1995

1-3. President Hausner opened the meeting at 15.00. Apologies had been received from Messrs Lowe, Stone, Hart and Desmaison. The President thanked Stone for his very efficient work as Secretary.

He informed the Council members about the proposal for the new ICF Executive Committee members. With 1 abstention the Council agreed upon the election of the following members:

R. Bowman - President

S.I. Hirano - President-elect

D. Niesz - Vice President

S. Hart - Secretary

#### Members:

P. Vincenzini - ex-officio Academy of Ceramics

J.-K. Guo - China

M. Zamudio - Mexico

M. Sayer - Canada

J.F. Baumard - Europe

The former Presidents McLaren, Metselaar and Hausner continue to serve on the Executive Committee.

Prof Hausner then welcomed Richard Bowman as the new President of the Federation.

The meeting continued under Bowman as the chair. Bowman congratulated Hausner on the work that he had performed as President, and stated that he hoped that as much could be achieved during the term of his Presidency.

- 4. The minutes of the previous meeting were accepted after small typographical changes.
- 5. During the meeting of the Council in Florence, 1994, the Council had found that the position of the Academy of Ceramics was not properly accounted for in the Constitution. The Executive Committee therefore proposed to add to the Constitution the following sentence under article 2, as item (d):

The Academy of Ceramics (international).

The Council agreed upon this addition.

- 14. The 1st International Symposium on Environmental Issues of Ceramics was held on October 19 and 20, 1994 in Sapporo, Japan. The meeting was a success as far as the programme was concerned, but the attendance (70 persons from 9 countries) was relatively low. Ceramic Society of Japan Chairman Yanagida, Secretary Yoshimura and Executive Advisor Udagawa, proposed to the Council that the 2nd Symposium be held during the PacRim meeting, 14-17 July, 1996 in Cairns. The Council welcomed this initiative. Bowman and Yoshimura will organize this Symposium.
- 15. Prof. Hausner, announced that the ECerS offers a free booth to all ICF member societies at the 4th ECerS Conference, 2-8 October 1995 in Riccione, Italy. The members may also present a maximum of 4 posters about their Society and the ceramic activities in their country, provided that no commercial advertising is sought. Bowman undertook to coordinate booking of a booth and preparation of a poster.
- 16. The next meeting of the Executive Committee and Council will be held during the 4th ECerS meeting. The date will be fixed as soon as possible.
- 17. There being no other business the President closed the meeting at 16.45.

Enclosures: Reports from Hausner, Desmaison and Metselaar

Please note: The next Executive Committee Meeting will be held at 18.00 on Tuesday, October 3, in the Murex Boardroom of the Riccione Congress Centre. Council members will be invited to attend.



## INTERNATIONAL CERAMIC FEDERATION

#### **Notice of next ICF Meeting**

The next ICF Meeting will be held during the 4th European Ceramic Society Conference in Riccione, Italy. The meeting will be held at 6.00 p.m. on Tuesday, October 3, in the Murex Boardroom of the Riccione Congress Centre. An informal dinner will be arranged afterwards for interested attendees.

#### Agenda

1.	Opening and Apologies	
2.	Acceptance of previous minutes	
3.	Correspondence.	
4.	Acceptance of previous minutes	
5.	Research Committee	Hausner
6.	Education and Workshops	Desmaison
7.	World Wide Web, Information Dissemination	Metselaar
8.	Meetings calendar	Holbrook
9.	Listings of Professional Societies/Officers	Hart
10.	Standardisation and ISO TC 206 - ICF Liasion	Schneider / Hirano
11.	History of Ceramics	McLaren / Kingery
12.	Global Environment	Yanagida / Suzuki
13.	Other Business	All
14.	Future Meetings	

In the event of further communication, please contact:

Mr R. Bowman, ICF President, CSIRO DBCE, Graham Rd, Highett 3190, Australia; e:-mail: Bowman@mel.dbce.csiro.au; Fax: +61 3 9252 6244; Phone: +61 3 9252 6000; or Dr S. Hart, ICF Secretary, CSIR DMST, PO Box 395, Pretoria 0001, South Africa; e:-mail: sHart@mattek.csir.co.za; Fax: +27 12 841 4395; Phone: +27 12 841 2783.

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Van: CHEM.SMTP."desmaison@unilim.fr"
aan: CHEM.SMTP("tgtvrm@chem.tue.nl")
Datum: woensdag 26 april 1995 19.03

Onderwerp: ICF-EWG

Received: from limvx4 (limvx4.unilim.fr [164.81.1.8]) by mailhost.tue.nl (8.6.10) with SMTP id UAA18223 for <tgtvrm@chem.tue.nl>; Wed, 26 Apr 1995

20:03:14 +0200

Received: from lmcts-lcn.unilim.fr ([164.81.100.4]) by limvx4 (MX V3.3 VAX)

with SMTP; Wed, 26 Apr 1995 20:04:41 +0200

X-Sender: desmaison@limvax.unilim.fr

MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: binary
X-Mailer: <PC Eudora Version 1.4b18>

Limoges, April 26, 1995

Dear Colleague,

As promised, I send you a message concerning possible actions of the Education Committee of the ICF. I am also sending (by Fax) a copy of this message to Prof. Hausner.

#### SHORT TERM OBJECTIVES OF THE ICF EDUCATIONAL COMMITTEE

- 1. Selection of "motivated" members in order to constitute an international educational network in the field of ceramics.
- 2. Directory of International Ceramic Engineering Education (D.I.C.E.E).

It would be an extension of the project conducted at an European level by Prof. Berger and Freer. Prof. Hausner, who is doing a similar work in the field of research, could give advice. Moreover, the dissemination of the corresponding information could be done through "World Wide Web" as suggested by Prof. Metselaar. Each national representative would have to collect the information in a normalized format. In order to gain efficiency in designing the appropriate questionnaire, it would be fine to appoint a coordinator familiar with the use of WWW...

3. Training and Mobility of Students and Researchers.

One of the evident use of the "DICEE" would be to facilitate the international mobility of students and researchers. However, it would be wise to create networks of universities and industries, in the same way as in Europe (Leonardo, Socrates...), and to identify the different sources of (travel and accommodation) grants.

#### 4. Workshops.

Worshops similar to "EUROFORUM" (or an opening outside Europe of the Euroforum series) could allow to :

- compare the ceramic engineering education systems,
- identify the problems encountered by the students having graduated to find a job or a training position abroad,
- launch pilot actions on the technology of designing and working with modern teaching systems in particular in the field of open and

distance learning,

- ...

5. Guidelines concerning the accreditation of ceramic engineers' titles;

This subject could be tedious, however it would be fine to work out basic guidelines for the recognition of credits earned by students in a foreign university.

Here are the main objectives I would like to suggest to the board of the ICF.

A meeting of the ICF members, interested by the activities of the education working group and attending the 4th E.Cer.s. Conference, could be organized in Riccione.

Any comment or suggestion concerning these objectives can be sent to me by :

- E-mail : desmaison@unilim.fr

- Fax: (33) 55 45 75 86 or (33) 55 43 36 80

- Phone: (33) 55 45 75 55 or (33) 55 43 36 70

- mail : Prof. J. DESMAISON

ENSIL/LMCTS/URA CNRS 320 Universit de Limoges 123, Av. A. THOMAS

87060 LIMOGES Cedex, FRANCE

Please present my excuses to the ICF members for my absence at the Cincinatti meeting.

Thank you for your collaboration and advices.

Best regards,

J. DESMAISON

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### TOKYO INSTITUTE OF TECHNOLOGY

Phone: 81-45-922-1111 Telex: 3823553 TITNAGI

Fax: 81-45-921-1015

RESEARCH LABORATORY OF ENGINEERING MATERIALS 4259 Nagatsuta, Midori-ku, Yokohama 227, Japan

## Activity Report of Committee on Environmental Issues of ICF

(The 1st) International Symposium on Environmental Issues of Ceramics.
 October 19 and 20, 1994
 Hokkaido University, sapporo, Japan
 Organized by The Ceramics Society of Japan
 The Science Council of Japan
 International Ceramic Federation

Presented Papers

Invited 10, contributed 31

Attended

about 70 persons from 9 countries (Japan, U.S.A., Germany, Italy, Korea, China, Taiwan, Polandd, India)

The Proceeding will be available in May, 1995. \frac{\pmathbf{4}}{4},000 + mailing charge, 280 pages

Editors: H. Yanagida and M. Yoshimura Published by The Ceramic Society of Japan

2) In the Symposium at PacRim 2, 14–17 July, 1996, Cains, Australia, a symposium on Environmental Issues of Ceramics is programed, chairpersons (tentative): R. Bowman, M. Yoshimura. We would like to propose that this symposium might be The 2nd International Symposium on Environmental Issues of Ceramics which is following to the 1st one head in October 19–20, 1994, in Sapporo. This was organized by the Ceramic Society of Japan, International Ceramic Federation, and Sience Council of Japand. Therefore, we hope that the 2nd one might be also co-organized by ICF and the others.

April 30, 1995, Cincinnati, U.S.A.

Environmental Committee of ICF

Chairman: Y. Yanagida Secretary: M. Yoshimura

Executive Advisor: S. Udagawa

## On the use of electronic mail for information about ICF

Many times we discussed how to promote the role of the ICF. Dissemination of information is one of the topics we agreed upon. We experienced how difficult it is to collect the data and we did not solve the problem of the distribution of this data. Recently it occurred to me that email may be an excellent vehicle for both purposes. In particular I aim at World WideWeb (WWW). Presently not everyone has access to email, but it is spreading so rapidly that we don't have to worry about that aspect. I just want to mention that the ACerS are already using email for the regist-ration of the Annual Meeting, so they have experience too.

#### What does WWW look like?

For those who are not familiar with WWW I have added some copies of pages which are available to everyone who has access to the system. Shown are some pages with information about my own university. All information is contained in a tree. If one points the cursor to an underlined word in this text (coloured on the screen of your PC) one gets the underlying, more detailed information. So, I put the cursor on *Chemical Engineering and Chemistry* and got the following pages, with heading "Research at the Faculty of Chemical Engineering and Chemistry", next I pointed to *Department of solid state chemistry and materials science* and got the detailed information about my own group (I enclose three pages of the five). One can also go back to the previous item and follow another branch of the tree. It is easy to prepare such documents and include pictures.

#### How to use it for ICF?

What is the information we are interested in?

One can imagine the following:

- 1. List of addresses of ceramic societies, possibly including the officers
- 2. List of ceramic groups at universities
- 3. List of non-university ceramic research institutes
- 4. List of research topics at universities and institutes
- 5. List of available fellowships at different universities
- Meeting calendar

etc.....

We don't have to do this all at once.

Number 4 is a lot of work (Prof. Hausner started this, so there is information available; using WWW could solve the problem of distributing the information, but I don't know if one can introduce this information in WWW).

Probably the simplest thing to do is to start with items 1 and 6, next 2 and 3. One could hope that people become so interested that they send information spontaneously; they should be eager to be on the list! If the information is supplied by email we don't have much work to introduce it in the system.



## Welcome to the Eindhoven University of Technology

You will find general information concerning our University <u>here</u>, and we keep a campus <u>picture (350 KB)</u> and an <u>animated view (>1 MB)</u> of our campus.

#### We offer the following WWW services:

#### Academic information:

Course Catalog (Dutch)

#### Departments:

Mathematics and Computing Science

**Electrical Engineering** 

**Design Automation Section** 

**Electronic Circuit Design** 

**Digital Information Systems** 

Measurement and Control group

**Building and Architecture** 

Chemical Engineering and Chemistry

**Chemical Process Technology** 

**Applied Physics** 

**Nuclear Physics Techniques** 

Vortex Dynamics Group

#### Research Institutes:

Cobra, Interuniversity Research Institute on Communication Technology

Eidma, Euler Institute of Discrete Mathematics and its Applications

New Ipa, Institute for Programming research and Algorithmics

#### **Service Centers:**

**Computing Centre** 

Library

#### Student and Staff Associations:

Micro Computer User Association STACK

Lab for Architecture LAVA

Forum of European Students AEGEE

New Best, Board of European Students of Technology

**Sporting Information** 

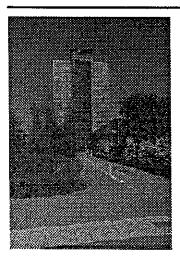
AiO Overleg Eindhoven (dutch)

GEWIS (Mathematics and Computing Science)

AOR, Het Studentencafé (dutch)

## Research at the Faculty of Chemical Engineering and Chemistry

Eindhoven University of Technology



## **Contents**

Introduction

Research at the Departments of the Faculty

Department of Organic chemistry (TOC)

Department of inorganic chemistry and catalysis (TAK)

Department of solid state chemistry and materials science (TVM)

Department of instrumental analysis (TIA)

Department of colloid chemistry (TCT)

Department of polymer chemistry and technology (TPK)

Department of chemical process technology (TCP)

Separation Technology Group

**Chemical Reactors and Dispersions** 

Chemical Technology Group

**Intrafaculty Cooperation** 

Centre for Environmental Technology (CMT)

The Schuit Catalysis Institute (SKI)

Eindhoven Polymer Laboratories (EPL)

**Graduate Schools** 

**NIOK** 

**PTN** 

**STEVIN** 

OSPT

Cooperation with TNO

Centre for Technical Ceramics (CTK)

Glass Technology Group (GTG)

Facts and Figures of the Faculty

H.F. v.d. Weijden

## Infrastructure/equipment

#### Characterization:

Scanning electron microscope (SEM-JEOL 840A) with EDX (Tracor series 2)

Electron probe micro analyzer (EPMA-JEOL 8600) with WDX and EDX (Tracor) with Voyager automation.

Transmission electron microscope (TEM-JEOL 2000FX) with EDX (Tracor series, together with TPK)

X-ray powder diffractometers

High temperature XRD

Thermobalance (Tmax 1700 C), DTA/TGA (Tmax 1650 C)

Electrical conductivity ac, dc (Tmax 1450 C)

Ionic transport numbers from EMF (Tmax 1700 C)

Dilatometer for sintering studies (Tmax 1700 C)

Thermal conductivity

#### Structural Integrity:

3 and 4 point bend test, ball-on-ring, ring-on-ring, jigs (Tmax 1400 C)

2 universal mechanical testing machines (10kN)

High precision universal mechanical testing (200 kN)

5 testing machines for slow crack growth

2 Vickers microhardness testers

Image analysis facilities

Thermo compression equipment

#### Preparation/processing:

Vacuum furnace (Tmax 2000 C)

High frequency furnaces

Dedicated furnaces for diffusion studies

Tube and box furnaces up to 1700 C

Uniaxial hot presses

## Research Programs

Solid state reactions Inorganic materials

Structural Integrity

Electron microscopy

The research is part of the work in the <u>Centre for Technical Ceramics</u>, a joint venture of the Eindhoven University of Technology and TNO, The Netherlands Organization for Applied Scientific Research.

#### **Solid State Reactions**

Application of mixed-mode fracture criteria for weakest-link failure prediction for ceramic materials, H.F. Scholten, L.J.M.G. Dortmans, G. de With, ASTM-STP-1201 Life time Prediction Methodologies and Data for ceramic Materials (1994) 192.

Strong metal-ceramic joints, J.T. Klomp, G. de With, Materials & Manufacturing Processes, 8 (1993) 129.

## Electron microscopy

(G.F. Bastin, H.J.M. Heijligers)

This research aims at improvement of quantitative element analysis with electron microscopy. Specific topics are:

quantitative analysis of ultra light elements with EPMA; quantitative analysis of elements with TEM; analysis of thin films and multi-layers.

#### Recent publications

Quantitative Electron Probe Micro analysis of Nitrogen, G.F. Bastin and H.J.M. Heijligers, Scanning, 13 (1991) 325.

Present and Future of Light Element Analysis with Electron Beam Instruments, G.F. Bastin and H.J.M. Heijligers, Microbeam Analysis, 1 (1992) 61.

In-depth Profiling with the Electron Probe Micro analyzer, G.F. Bastin, J.M. Dijkstra, H.J.M. Heijligers and D. Klepper, Microbeam Analysis, 2 (1993) 29.

#### Curricula Vitae

#### R. Metselaar

Ruud Metselaar is full professor in Physical Chemistry. He received his Ph.D. from the University of Amsterdam in 1967 with prof. Hoytink as supervisor. In the same year he joined Philips Research Laboratories as research scientist in the group Magnetism and Magnetic Materials. In 1976 he was appointed professor at the Eindhoven University of Technology. His research interests are solid state chemistry and ceramic materials. Since 1985 he is also scientific director of the Centre for Technical Ceramics. He is member of the Academy of Ceramics.

#### F.J.J. van Loo

Frans van Loo is full professor in General Chemistry with special interest in thermodynamics and solid-state reactions. He received his Ph.D. from Eindhoven University of Technology in 1971 with prof. Rieck as supervisor and was appointed senior lecturer (UHD) in 1985. He was visiting professor in Bethlehem, PA (USA 1985), Perpignan (France, 1989/1990) and Helsinki (Finland, 1993). He was appointed full professor in 1993. His research interests are the thermodynamic and kinetic aspects of solid-state reactions, especially metal/metal and metal/ceramic interactions.

#### G. de With

Bert de With is part-time professor in Ceramic Materials. He received his Ph.D. in 1977 from the University of Twente with prof. Feil as supervisor. In the same year he joined Philips Research Laboratories where he is now senior scientist. In 1985 he was appointed part-time professor at the Eindhoven University of Technology. His research interests include chemical and mechanical processing and mechanical behavior of ceramics, including metal/ceramic joining.

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## MINUTES OF THE ICE EXECUTIVE COMMITTEE MEETING RICGIONE, 3 OCTOBER 1995

President Bowman opened the meeting at 18:20 by welcoming the members.
 Apology had been received from Dr Martin Ruiz of the Sociedad Mexicana de Ceramica.

Those present at the meeting were:

R Bowman Australasia S Hart South Africa J Baumard Europe G Babini Europe C Palmonari Europe H Hausner Europe R Metselaar Europe J Desmaison Europe V Shevchenko Russia S Hirano Japan S Udagawa Japan H Yanagida Japan M Yoshimura Japan M McLaren USA R Shrigas USA D Niesz USA

2. The minutes of the previous meeting at Cincinnati were accepted, being proposed by McLaren and seconded by Metselaar.

details of courses etc could be built up. Desmaison would provide a short writeup of the prospective needs and actions to the ICF Secretary.

6. Discussion on the provision of relevant information on the World Wide Web was taken. It was decided that we follow Metselaar's advice to add into a CERN/Fraunhofer file on "Technical Ceramics" which is already populated with, for example, the American Ceramic Society meetings schedule. Bowman will construct the ICF front page and member countries will be asked to produce their descriptive pages containing at least, their prime data of officers, contact numbers and events.

It is recognised that the Web and its continual use and revision will play a large role in the ability of the ICF to live up to its objectives.

- Hirano stated that the ISO TC 206 task team was now very active.
- 8. It was reported that activities of the Global Environment had resulted in a meeting held in October 1994 with another planned for the PACRIM meeting in July '96.
- Next meeting of the ICF Executive is planned for the Spring American Ceramic Society Indianapolis conference - 14 - 18 April 1996.
- 10. The meeting was closed at 20:15.