

**Minutes**  
**ICF Executive Committee Meeting**  
**Cincinnati, Ohio (American Ceramic Society Annual Meeting)**  
**Sunday, May 4, 1997**

1. The meeting attendance is attached. Apologies were received from Stewart Hart and Pietro Vincenzini.
2. The minutes from the meeting of 14 and 16 July were accepted.
3. President Bowman reported that the application for ICF membership by Cerlabs was not accepted because it would be inconsistent with the ICF Constitution.

4. Research

Professor Hausner reported on the status of the Worldwide Ceramic Research Database project. (See attached overview.) ~~It was planned to collect data from approximately 250 research groups.~~ Unfortunately, not every member organization completed and reported on the survey for their geographical area, in spite of many promises. The plan was to give all of the data to the ACerS for distribution, but Professor Hausner does not recommend that mechanism now. Because of the amount of work involved and the rapid development of the World Wide Web, he now recommends that each individual laboratory be responsible for maintaining a current listing of their research on a web-site.

After some discussion, it was decided that the ACerS web-site would probably be used in the same way ACerS divisions are now using it. The way this would work is that the ACerS would provide a password to each participating laboratory or member organization that would enable them to update their own information on the web site. It was suggested that each entry could be a research title, similar to the format used by the ACerS when it published a "Research Issue" of the Bulletin of the American Ceramic Society (last published around 1990). It was suggested that the ICF could provide guidelines, but not rules, for organizations to follow. Mr. Holbrook will discuss this suggestion with the ACerS web-site manager and provide information on how to proceed with this approach.

5. Education and Workshops

No report.

6. World Wide Web

See above discussion under Research.

7. Meeting Calendar

It was agreed to use the ACerS meeting calendar on the World Wide Web. Each organization should establish a mechanism for checking the calendar on a periodic basis and sending information on meetings to be added to ACerS for posting.

8. History

No report.

*attached*  
→

*Completed ICF mgs* →

9. Global Environment

No report.

10. Other Business

A. ACerS 100 Year Anniversary

The ACerS representatives made a request for suggestions for the 100 Year Anniversary celebration of The American Ceramic Society. Information should be sent to Dr. J. McCauley, Dr. R. Tressler, Dr. D. Johnson or Mr. T. Reynolds.

B. Pac Rim 3

Dr. Kim reported that the 2<sup>nd</sup> circular was sent last November for the meeting to be held in Kyonsju, Korea, September 20-23, 1998. He is attempting to raise \$300,000 to help reduce hotel costs for attendees.

C. Future Pac Rim Meetings

A motion was made by D. Niesz to endorse the ACerS as the official coordinator of Pac Rim Meetings with the understanding that alternate meetings, starting with Pac Rim 4 in 2001, will be organized by the ACerS and held in Hawaii. Other countries will be solicited by the ACerS for sites to hold the alternate Pac Rim meetings. The motion was seconded by Professor Hausner. Mr. Holbrook reported that the ACerS sent a letter to ICF member societies in January, 1997, indicating that the ACerS proposed to organize Pac Rim 4. No objections were received. The motion passed unanimously.

D. The Ceramic Society of Japan requested endorsement for organizing Pac Rim 5 in 2003. The request was unanimously approved.

E. The location of the World Ceramic Congress to be held after the Florence meeting (June, 1998) will be discussed at the ICF meeting in June, 1997, in Versailles.

F. The status of ICF meeting endorsement was discussed briefly. This topic should be placed on the agenda for the Versailles meeting. The Chinese Silicate Society has requested endorsement for a meeting in Beijing in October, 1998 on High Performance Ceramics. No action was taken.

G. Professor Hirano announced that the Ceramic Society of Japan has agreed to provide a budget and to serve as secretariat during his term as President. He also announced that MITI has agreed to provide funding for an ICF home page on the World Wide Web.

H. The next ICF meeting will be held on Wednesday, June 25, 1997, at the ECerS meeting.

**List of Attendees**  
**ICF Executive Committee Meeting**  
**May 4, 1997**

	<u>Phone</u>	<u>Fax</u>	<u>e-mail</u>
Dale Niesz	732-445-5900	732-445-5595	niesz@alumina.rutgers.edu
Lionel Levinson	518-387-6332	518-387-6204	levinson@crd.ge.com
Tom Reynolds	770-433-7825	770-436-3030	usmehtgr@ibmmail.com treynolds@acers.com
Yoshiro Suzuki	81-3-3362-5231	81-3-3362-5714	ysuzuki@ceramic.or.jp
Noboru Ichinose	81-3-5286-3307	81-3-3200-2567	ichinose@mn.waseda.ac.jp
You Song Kim	82-562-279-2149	82-562-279-2399	kimys@vision.postech.ac.kr
Delbert E. Day	573-341-4354	573-341-2071	day@umr.edu
Paul Holbrook	614-799-5855	614-794-5852	wph@acers.org
Carol M. Jantzen	803-725-2374	803-725-4704	carol.jantzen@srs.gov
Rudi Metselaar	31-40-2473122	31-40-2445619	tgtrvm@chem.tue.nl
Hans Hausner	49-8821-18883	same	-----
Jean Francois Baumard	33.5.55.42228	33.5.55.79.0998	jfbaumard@ensci.fr
Shin-Ichi Hirano	81-52-789-3343	81-52-789-3182	hirano@apchem.nagoya-uac.jp
Richard Bowman	61-3-9252-6021	61-3-9252-6244	bowman@dbce.csiro.au
Sam Schneider	301-975-5657	301-926-8349	samuelschneider@nist.gov
James W. McCauley	410-306-0711	410-306-0714	mccauley@arl.mil

# Overview About the Electronic Directory of the International Ceramic Federation (ICF)

The purpose of the electronic directory of the ICF is the easier worldwide access to all kind of research institutions in the area of ongoing ceramic research. The current version of the program represents several more or less successful attempts to collect the relevant data of ceramic research institutions. At the moment the data base contains entries from 245 research institutions from about 20 countries worldwide. The data manipulation programs are at the stadium of a prototype. At the beginning of this project all relevant data were electronically collected by an individual programmed software based upon the computer language PASCAL.

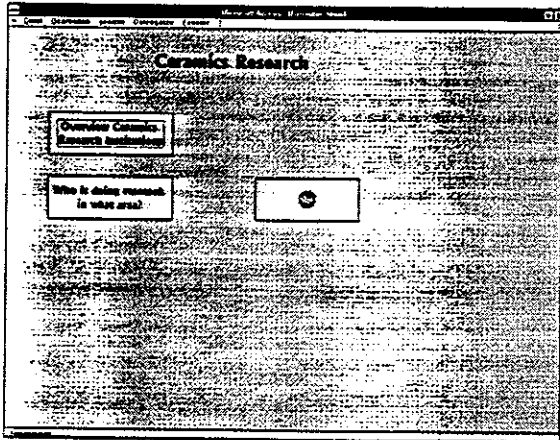


Figure 1: main menu  
installation of the database file, e.g. certain directories.

All disks with the data which were returned to Prof. Dr. Hausner (formerly at the Technical University of Berlin Germany) who is until now responsible for the project are now available through the database program MS-Access Version 2.0. The prototype consists of three forms: (1) the main menu (see figure 1), (2) the overview of the research institutions, and (3) the query form for the research topics. If you like to work with the collected data, you need a personal computer which have to run the program Microsoft Access. The necessary disk storage for the prototype and the available data about the research institutions is nearly 2.5 MB. The prototype was developed with a Pentium PC with 16 MB RAM. It should also run with any 486/33 MHz PC with 8 or more MB RAM. There are no restrictions concerning the

Due to the size of the database file the file [ICF.ZIP] is compressed and you may unzip it with any public domain program for that purpose. In order to use the data you just have to open the unzipped database [ICF.MDB] via the *file-open* function of MS Access. Automatically the main menu will be opened and there are three options available to choose from:

- Overview Ceramic Research Institutions
- Who is doing research in what area?
- STOP

If you click on the *Overview Ceramic Research Institutions*-button the following form (see figure 2) will be shown. Here, you can sequentially look at all available information per research institution, e.g. name of

The screenshot shows a Microsoft Access window titled 'Overview International Ceramic Federation'. At the top right, there is a button labeled 'View by Institution'. Below this, there are several input fields for 'Material', 'Material Characteristics', and 'Processing Science & Technology'. A table with multiple columns is displayed, showing data for various research institutions. Below the table, there are two buttons: 'Next Research Institution' and 'Previous Research Institution'. At the bottom, there is a search bar labeled 'Who is doing research in what area?' and a magnifying glass icon.

institution, head, address, and of most importance, all available information on ongoing research topics.

Moreover, you may search for a text string in the whole database with the *search button*. Also, there is a button to switch to the other form (see figure 3), where you may start a query for research topics. Another button is of course available in order to return to the main menu.

A subform gives information on all abbreviation used in the description of the ongoing research topics

figure 2. Available information per research institution

per research institution. The whole form should be used to look for general information on the research institutions. No data entries should be updated, because the functionality of the program prototype is not yet designed for that task.

If you are searching for information on research institution who are conducting research projects on a class of materials AND a class of material characteristics, you should use the third available form (see figure 3). Here, you may combine several conditions which are logically binded by an AND-operator. You may reset the filter at the beginning, and then fill out the fields for the conditions of your query. If you apply the filter and the query was successful, i.e.

The screenshot shows the same Microsoft Access window as in figure 2, but with filters applied. The 'Material' field is set to 'M-180', 'Material Characteristics' is set to 'C-100', and 'Processing Science & Technology' is set to 'Processing Science & Technology'. The table below shows filtered results for various institutions, including Queensland University of Technology, Monash University, and others. The table columns include 'Institution', 'Department', 'Department', 'Subject', 'City', 'State', 'F', and 'Z'. The results are filtered to show only those institutions that match the specified criteria.

there are data entries available which match your conditions, the query result will be shown in the subform.

The *blue typed button* switches to the general information overview form. Moreover, there is a button to switch back to main menu form where you can leave the program.

All in the database file [ICF.MDB] stored information also can be exported in any other program by simple flat ascii file format or other available export and import routines. Furthermore you may use any SQL-statement to manipulate the data tables in the database file.

## Further Technical Developments: WWW

For the future, the momentarily available database could be used for a decentralized information system which provides the information requester with the necessary information on all worldwide research institutions conducting any kind of research projects in the area of ceramic issues. One well-known medium for that purpose is the internet, especially the world wide web (WWW). At the beginning of that information system a centralized organized web-server should be set up while the time being the data and all available information on research institutions may be updated decentralized.

Figure 4 shows a general simple-architecture for a web-based information system architecture during phase I of the ICF information system. All available information will be gathered on a centralized ICF web server. All web pages will be updated on that site. A common data entry template allows all participating institutions to deliver all its information. A possible further scenario could be to decentralize the storage of the web pages on the participating institutions web sites (phase II).

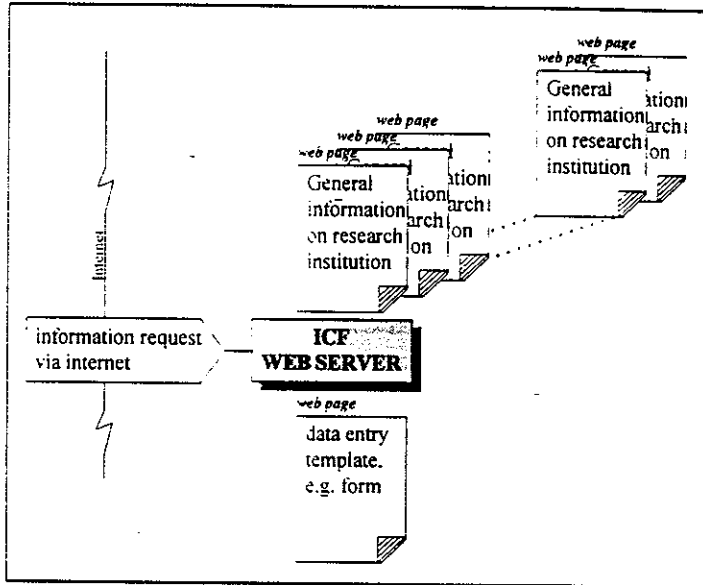


figure 4: centralized ICF information system (phase I)

In order to analyze the stored information one can use any known search engine of the web.

# MINUTES

## ICF COUNCIL MEETING

Versailles, France  
25 June 1997

### 1. COUNCIL MEETING

The Council Meeting was held during the European Ceramic Society Conference and convened at 2.15 pm on 25 June 1997.

Those present were:

- |              |              |
|--------------|--------------|
| R Bowman     | Australia    |
| S Hart       | South Africa |
| S Hirano     | Japan        |
| M Yoshimura  | Japan        |
| YS Kim       | Korea        |
| N Quaranta   | Argentina    |
| J Bailey     | UK           |
| S Buchanan   | UK           |
| R Freer      | UK           |
| P Vincenzini | Italy        |
| A Bellosi    | Italy        |
| JF Baumard   | France       |
| R Metselaar  | Netherlands  |
| H Hausner    | Germany      |
| D Niesz      | USA          |
| L Levinson   | USA          |

Apologies were received from S Schneider, USA

### 2. PREVIOUS MINUTES

The minutes of the Executive Committee Meeting held at Cincinnati on 4 May 1997 had been circulated.

It was noted with respect to paragraph 4 that data on research activities from some 250 research groups had been received and that the Japanese Ceramic Society would be intimately involved with the further establishment and maintenance of the WWW site.

Also under paragraph 10B the record should read that the 1st circular on PacRim3 had been sent in April 1997.

With these amendments the minutes were proposed for acceptance by Professor Kim and seconded by Professor Metselaar.

### 3. RESEARCH AND WEB SITE

Professor Hausner illustrated the format of the research data received and its status on disc in which various search options were available. Some debate on the maintenance of and access to information was held with respect to the cross referencing to data held in the WWW home pages of the member organisations and via web links to other relevant data eg University department research information.

Professor Metselaar reported on the ICF home page which presently records the ICFs 'mission', its officials together with many useful names and addresses of member and related organisations. Information on ISO standardisation projects of relevance were also captured.

It was again felt that the power of the WWW should be used to integrate information on societies, event calendars and research information.

These matters will be further taken up by Hirano, Metselaar, Hausner, Holbrook and the webmaster of the American and Japanese Ceramic Societies to propose a 'best practice'. It is recognised that the member organisations themselves must be primarily responsible for the data and its assembly relevant to its own affairs.

**ACTION: Metselaar  
Hirano**

### 4. CORRESPONDENCE

A letter had been received from the Indian Ceramic Society enquiring on how to become a 'regular' member of the ICF. This again raises the issue of how to determine the most appropriate organisation from a country or region to become recognised by the ICF.

The secretary will communicate with the Indian Society giving them information on the constitution et al and asking for further input in return.

**ACTION: Hart**

It was noted that the President had sent information on the ICF and copies of the constitution to Brazil and Korea regarding potential membership but no further response had yet been received. Professor Kim will follow up in Korea.

**ACTION: Kim**



#### **4. EDUCATION**

No report.

#### **5. FUTURE MEETINGS**

It was reaffirmed that the American Ceramic Society calendar should be used as a vehicle of advertisement and that this calendar should be consulted to avoid possible clashes. The meeting endorsement committee had not been very active of late and better liaison between societies was required. In particular it would appear that a clash of dates/interests could occur in 1998 between PacRim3 and a proposed Chinese Silicate meeting and in 1999 between the European Ceramic Society meeting and a prospective Russian meeting.

**ACTION: Kim  
Freer**

It was further suggested that closer liaison be forged between Europe, Japan and the USA regulating major meetings. Dr Freer was asked to initiate this activity.

#### **6. STANDARDISATION**

No formal report was lodged but the ISO TC206 work was progressing well with a further meeting scheduled in China for July 1997.

#### **7. HISTORY OF CERAMICS**

No report.

#### **8. GLOBAL ENVIRONMENT**

Professor Yoshimura reported that aspects relating to 'clean processing' and 'responsible care' were becoming more prominent features of Ceramics and other meetings and that the Versailles meeting also had a session on environmental issues.

#### **9. PacRim AND WORLD CERAMIC CONGRESS**

PacRim3 was progressing well with a next reminder to go out soon. Fundraising would be a major focus for Professor Kiml

No response had been received to host the next World Ceramic Congress scheduled for 2002. This responsibility would need to be finalised by April 1998 to allow planning time.

## 10. ACADEMY OF CERAMICS

ICF council requested Hans Hausner to accept nomination as its representative to the Academy of Ceramics. He accepted the nomination. This should be formally communicated to the Academy.

**ACTION: Hirano**

## 11. CONSTITUTION REVIEW

It was agreed that a task group of Metselaar, Niesz, Bowman, Hirano, Freer and Hart finalise the review of the updated constitution.

**ACTION: Hart**

## 12. ELECTION OF OFFICE BEARERS

The following list represents the elected Executive Committee for the following 2 years:

President	S Hirano
President Elect	D Niesz
2nd Vice President	JF Baumard
Secretary	R Freer
Past President	R Bowman
Executive Secretary	Japanese Ceramic Society
4 Council elected members	N Stone
	N Quaranta
	T Reynolds
	Member from China
Academy of Ceramics member	P Vincenzini

Professor Hirano will, in due course, supply the name of the person fulfilling the Executive Secretary role. Richard Bowman will write to Dr Wong at the Chinese Ceramic Society asking for their representative and will confirm Mr Stone's acceptance. Professor Niesz will confirm Dr Reynold's role. It was noted that Paul Holbrook will stand down from the Executive Committee during the period while the Japanese Ceramic Society take on the role of ICF Secretariat.

**ACTION: Hirano  
Bowman**

**13. NEXT MEETING OF THE ICF**

An Executive and Council meeting will be held on the Sunday 3 May 1998 prior to the opening of the American Ceramic Society Centennial meeting to be held in Cincinnati. It was noted that the American Ceramic Society will ask for delegations from sister organisations to be represented at their celebrations so this will be a convenient ICF meeting time.

It was further agreed that an Executive meeting be held during PacRim3 to be held from 20 to 23 September 1998 in Kyongju, Korea.

**S HART**  
**3 JULY 1997**

Van: Bowman, Richard <Richard.Bowman@dbce.csiro.au>  
aan: daob <daob@power.ufscar.br>  
Datum: dinsdag 8 april 1997 21.39  
Onderwerp: RE: International Ceramic Federation (ICF)

*application  
Brazil?*

Dear Dr Boschi,

Many thanks for your email. I am forwarding a copy to Prof Metselaar (tgtvrm@chem.tue.nl). I will shortly send you some details on the next ICF meeting and would be pleased if you could pass these on.

While Associacao Brasileira de Ceramica is not currently a member of the ICF, I am certain that your application would be favourably considered at our next meeting in Cincinnati on 3 May. Such a request could be sent to me (I leave for the USA on 20 April) or to Paul Holbrook (wph@acers.org).

Kind regards,

Richard Bowman

-----  
From: daob[SMTP:daob@power.ufscar.br]  
Sent: Monday, 7 April 1997 12:35  
To: Richard Bowman  
Cc: wph  
Subject: International Ceramic Federation (ICF)

Esta i uma mensagem de mltiplas partes em formato MIME.

-----\_NextPart\_000\_01BC4350.342F6FE0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

To the International Ceramic Federation (ICF),

I could not find the e-mail of Prof. Dr. R. Metselaar who wrote to the Associacao Brasileira de Ceramica (Brazilian Ceramic Society) asking permission to show our address in your homepage. Therefore I'm sending this message hoping you will let him know that we are very pleased with the invitation and have no objection at all. However we would like to inform that we have a new address and that the name of the association, as shown, has a spelling mistake. The correct information is:

Associacao Brasileira de Ceramica (ABC)  
President: Gladstone Motta Bustamante  
Address: Av; Prof. Almeida Prado, 532 - Predio 36 - 20 andar, sala 3  
IPT - Cidade Universitaria  
City: Sao Paulo  
Postal Code: 05508-901  
Phone: 55 11 2684284  
FAX: 55 11 2687101  
E-mail: abceram@eu.ansp.br

Yours sincerely,

Notice of the Council Meeting  
of the International Ceramic Federation

A Council meeting will be held at 2pm on Wednesday 25 June in the Pascal room in the Congress Hall during the European Society Conference in Versailles, France.

A G E N D A

1. Opening and Apologies
2. Acceptance of previous minutes
3. Correspondence
4. Research Committee Hausner
5. Education and Workshops Demaison
6. World Wide Web, Information Dissemination Metselaar
7. Meetings calendar Holbrook
8. Listings of Professional Societies/Officers Bowman
9. Standardisation and ISO TC 206 - ICF Liaison Schneider/Hirano
10. History of Ceramics Kingery
11. Global Environment Yanagida/Suzuki
12. Other Business including World Ceramics Congress and PacRim All
13. Future meetings
14. Constitution review Hart
15. Election of new office bearers Hart

The Executive Committee look for to your participation in our Council meeting.

Dr S Hart  
ICF Secretary

E-mail: [shart@csir.co.za](mailto:shart@csir.co.za)

Address in Paris from 22 June 1997 to 28 June 1997:

Le Versailles Hotel, Tel: 0933 1 3950 6465; Fax: 0933 1 3902 3785

Van: Bowman, Richard <Richard.Bowman@dbce.csiro.au>  
aan: 'Thomas G. Reynolds III' <76304.463@compuserve.com...>  
Datum: zaterdag 19 april 1997 23.57  
Onderwerp: ICF update

The next ICF meeting will be held on Sunday 4 May from 10 am to 12 noon in the Bluegrass B room of the Hyatt Hotel, Cincinnati. This meeting is an Executive meeting that is open to all interested parties. It precedes the next Council meeting that will be held in Versailles during the European Ceramic Society meeting, 22-26 June 1997.

You may also want to look at the listing of Ceramic Societies and key contacts on <http://www.chem.tue.nl/ecers/Icf.htm>. A copy of corrected contacts will be distributed with the minutes of the forthcoming meeting.

You will almost certainly have received a copy of the Call for Papers for CIMTEC '98 to be held in Florence from 14 to 19 June 1998. This will consist of two major, closely intertwined events: the 'World Ceramics Congress' and the 'Forum on New Materials'. The 'Classical Ceramics' section of the 'World Ceramics Congress' will be held in Bologna from 5 to 7 October, 1998, immediately after the CERSAIE exhibition. I implore you to provide whatever support you can, for instance, provision of complimentary advertising.

Societies may be interested in acting as the host country for the 2002 'World Ceramics Congress'. In order to continue the widely appreciated CIMTEC tradition of technical and organisational excellence, the following guidelines are for your consideration:

1) Host Country

This will hopefully be represented by an existing or prospective ICF member. It will be expected that the ICF member of the host country will provide some support to facilitate some organisational aspects (initial information on candidate city, hotels, transportation, national institutes and private organisations that should become involved, promotion of the Congress within the country, etc.)

2) Candidate city

Should be easily reached by foreign participants (good international air and ground connections), and offer some cultural and tourist opportunities. There should be a ready availability of hotels of different prices close to the congress venue. The climate should be comfortable (mainly dry and with daily temperatures in the mid 20s - Centigrade please).

3) Congress venue

Should be able to offer the following at reasonable costs: a minimum of 12 meeting rooms, each for about 130 - 200 people a Plenary session room for about 1000 people a full range of audiovisual technical services sufficient free space for exhibiting (poster presentations, etc) reasonable access to dining facilities air conditioning

4) Dates

These should not overlap (or be too close) to other major ceramic events

that are of sufficient status to be endorsed by the ICF, and should be compatible with CIMTEC's organisational needs.

While some preliminary discussions will be held in Cincinnati, I suggest that interested Societies should submit an initial expression of interest to me by June 15. This will enable a preliminary assessment in Versailles.

Best regards,

Richard Bowman



বাংলাদেশ সিরামিক সোসাইটি  
THE BANGLADESH CERAMIC SOCIETY

Care : G & C Division, BCSIR, Mirpur Road, Dhaka-1205, Bangladesh  
Phone : 509463, 509576, 509773, 500078-9, extn : 245

Ref. No.

Date ..... 26/08/97

Prof. Dr. R. Metselaar  
International Ceramic Federation  
Technische Universiteit Eindhoven  
Den Dolech 2, Postbus 513  
5600 MB Eindhoven  
The Netherlands

3 SEP. 1997

Dear Prof. Metselaar,

Thank you for your letter TVM 97 dt. 13.02.97. I am happy to learn about the formation of the International Ceramic Federation. We would like to cooperate whole-heartedly with the ICF and become member, if possible. Kindly send us the Membership form and the terms and conditions of becoming member of ICF.

The current President of the Bangladesh Ceramic Society is MR. R. MAKSUD KHAN of Bengal Fine Ceramics Ltd., 52/1 New Eskaton Road, Dhaka-1000, Bangladesh. The address of the office of the Bangladesh Ceramic Society has been written rightly. The fax No. is 880-2-810712 and the e-mail bcsir @ bangla. net. Please correct the list accordingly.

Thanking you.

Sincerely yours

*Ahmed* 26.08.97  
(Dr. Aftabuddin Ahmed)  
General Secretary.



# THE ICF COUNCIL

A meeting of the ICF Council will be held on Sunday 3<sup>rd</sup> May 1998 at 10am in the Bluegrass B Room of the Hyatt Hotel Cincinnati.

The Agenda of business to be transacted is set out below. We look forward to seeing you at the meeting, but please advise the secretary if you not able to attend. Thank you.

R Freer  
Honorary Secretary ICF Council  
(fax +44 -161-200-3564  
e-mail: Robert.Freer@umist.ac.uk)

## AGENDA

1. **Apologies for absence**
2. **Minutes of the meeting held on 25 June 1997 and matters arising.**
3. **Correspondence**  
- including application from Bangladesh Ceramic Society
4. **Constitution and Bylaws**
5. **Research and WWW Site**
6. **Education**
7. **Standardisation**
8. **History of Ceramics**
9. **Global Environment**
10. **Future Ceramic Meetings - calendar**
11. **PacRim and World Ceramic Congress**
12. **Any Other Business**
13. **Next Meeting of the ICF Council**

**Distribution:** ICF Council