



Chairman: Prof. M. Morcillo
Department of Surfaces Engineering, Corrosion and
Durability
National Centre for Metallurgical Research (CENIM/CSIC)
Avda. Gregorio del Amo 8, 28040 Madrid-Spain
Tel: +34 915538900 (ext. 379)
email: morcillo@cenim.csic.es

ICC Newsletter nº 14

October 6, 2014

Dear members of the International Corrosion Council,

The 19th International Corrosion Congress is approaching. As you know it is being organized by the Corrosion Science Society of Korea (CSSK) and sponsored by the International Corrosion Council, and will take place in the International Convention Centre in Jeju, South Korea on November 2-6, 2014. The Programme can be obtained at <http://www.19thicc.com>

We look forward to having a great attendance of members of the ICC.

Here are some news for the meetings of the International Corrosion Council to be held in Jeju.

1. ICC GENERAL COUNCIL MEETINGS

Constitution and Bye-Laws of ICC can be found at http://www.icc-net.org/ICC_Bylaws.html. All Council members, including new-appointed members, are invited to attend. After confirmation of the Membership at the beginning of the 1st meeting (item 2 of Agenda (**Annex 1**)), the new members are entitled to vote on the issues dealt with.

There will be two Council meetings of the ICC during the Congress:

Place: The International Convention Centre. Meeting Room: 301(3F).

The first one will be held on Sunday November 2, 2014.

Time: 15:30 - 17:00.

The second one will be held on Tuesday November 4, 2011.

Time: 17:30 –19:30

The proposed agenda is enclosed in **Annex 1**. Suggestions for additional issues for the agenda should be addressed to morcillo@cenim.csic.es, with a copy to the secretary-treasurer: delafuente@cenim.csic.es

Past Chairman: Prof. Tooru Tsuru
First Vice Chairman: Dr. Carlos Arroyave
Second Vice Chairman: Prof. Panayota Vassiliou
Secretary: Dr. Daniel de la Fuente

tsuru@mtl.titech.ac.jp
carlosenrique.arroyave@gmail.com
pvas@chemeng.ntua.gr
delafuente@cenim.csic.es

2. APPOINTMENT OF PROXY

According to the ICC Bye-laws, clause 9.2 “A quorum shall consist of more than 50% of the member countries, either attending or represented by proxies”. To fulfill this requirement it is important that as many Council members as possible attend or appoint a proxy. For convenience a form is enclosed (**Annex 2**) by which a proxy can be appointed. If you don't have anybody else in mind, you may appoint someone in the Executive Committee to be your proxy: M. Morcillo (e-mail: morcillo@cenim.csic.es), C. Arroyave (e-mail: vicerector.cti@uan.edu.co), P. Vassiliou (e-mail: pvas@chemeng.ntua.gr) T. Tsuru (e-mail: tsuru@mtl.titech.ac.jp). They are all expected to attend. Appointment of proxy should be sent by mail (ordinary or electronic) or handed over to the Chairman before or at the beginning of the Council meeting. I hope, however, that it will be possible for you to be personally present.

3. MINUTES OF THE COUNCIL MEETINGS HELD AT THE 18TH ICC IN PERTH (Annex 3)

4. ICC MEMBERSHIP

The Secretary Treasurer of the ICC (D. de la Fuente) and the ICC webmaster (B. Chico) have organized re-examination of previous Membership and appointment of new members. The result of the work can be seen in the Provisional Membership List enclosed (**Annex 4**). As mentioned, confirmation of the new Membership will be dealt with at the beginning of the first Council meeting.

5. ELECTION OF NEW ICC VICECHAIRMAN FOR THE PERIOD 2014-2017

As informed in the ICC Newsletter nº 13 (December 18, 2013), the Nominating Committee, chaired by Dr. D.J. Blackwood from Singapore sent to the Chairman of the Council a report proposing, as indicated by him in alphabetical order of country, the following candidates:

1. China: Prof. Yu ZUO
2. Germany: Prof. Günther SCHMITT
3. Greece: Panayota VASSILIOU, now 2nd Vice-Chairman
4. India: Prof. V.S. RAJA
5. Italy: Prof. Emma ANGELINI

According to the by-laws, the Council members were asked to make additional nominations by petition. However, no additional nominations were received in this Secretary and therefore, these five ICC members will be the only eligible candidates.

A ballot for the election is enclosed (ANNEX 5), as well as curricula vitae for the candidates (ANNEX 6).

In order for your ballot to be valid, you have to select two of these candidates marking with one cross the corresponding two square boxes.

Following the procedure approved during the last ICC Council Meeting in Perth (Australia) on 20th November 2011, voting could be done by one of the following three procedures:

- a) **Personally or by a valid appointed proxy** (also enclosed in Annex 2), during the meeting of ICC members in Jeju (South Korea), November, 4th. The proxy will be valid for all votings to be carried out during the meeting, including the election of the country to host the next Congress.

If you do not have anybody else in mind, you may appoint someone in the Executive Committee (Prof. M. Morcillo, Prof. C. Arroyave, Prof. P. Vassiliou or Prof. T. Tsuru) to be your proxy; they are all expected to attend.

- b) **By e-mail**: sending the attached anonymous ballot paper (also enclosed in Annex 5) by email to the Secretary-Treasurer delafuente@cenim.csic.es (deadline October 25th).

The Secretary promises to keep confidentially, and will give to the Chairman of the Council only the list of ICC members who voted by email and the anonymous ballots received, in order to join then to the ballots received from ICC members by mail or directly (or by proxy) in the meeting.

- c) **By mail**: Enclose the ballot paper in an envelope, write your name and then introduce it in a second envelope and send it to the ICC Secretary-Treasurer:

Dr. Daniel de la Fuente

Secretary-Treasurer of ICC

National Centre for Metallurgical Research (CENIM)

Avda. Gregorio del Amo 8, 28040- Madrid- Spain

To be counted, the envelope with the ballot must be in the hands of the ICC Secretary-Treasurer before October 25th, 2014.

At the Council meeting the ballots will be counted by three tellers. The candidate with the highest number of votes shall be declared the first Vice-Chairman and the candidate with the second highest number of votes shall be declared second Vice-Chairman. In the event of a tie the Chairman shall cast the deciding vote.

The Executive Committee of the ICC encourages the participation of all ICC members for such an important election.

6. BIDS RECEIVED TO ORGANISE AND HOST THE 20th ICC INTERNATIONAL CORROSION CONGRESS IN 2017

In accordance with ICC by-laws (Chapter 7), two candidatures to organize the 20th ICC International Corrosion Congress were received before the deadline of April 2, 2014 (seven months prior to the scheduled Congress), from the Brazilian Corrosion Association (ABRACO) (received on February 24, 2014) and the Czech Association of Corrosion Engineers (AKI) (received on March 31, 2014) (ANNEX 7).

A letter from Prof. Stuart Lyon of the UK, expressing interest in preparing a bid to organize the 20th ICC Congress in Manchester, was also received (April 3, 2014) after the deadline.

At their regular meetings during the Congress (November 2nd and 4th), after discussion and voting, the Council shall elect the host country for the next ICC Congress among the two invitations submitted.

7. ICC AWARDS

The ICC has traditionally presented the following awards in its congresses (www.icc-net.org): Marcel

Pourbaix Award, Edward Greco Award and Past Chairman Award.

Marcel Pourbaix Award:

Awarded to corrosion scientists for outstanding contributions to international cooperation in the field of metallic corrosion. It was first presented in Brussels in April 1995 and the medals given to the winners up to 2002 were provided by the Australasian Corrosion Association. New medals provided by CEBELCOR have been presented since 2008. The full list of award winners is published on the ICC website.

Edward Greco Award:

The International Corrosion Council set up this award in 1993. The certificates given to the winners up to 2002 were provided by NACE International. This award is presented to international scientists who have served as Presidents of ICC International Corrosion Congresses. It has not been presented since 2005, but at the suggestion of Prof. Dieter Landolt the EC/ICC has decided not only that it should be presented again in future ICC congresses, but also that it should be awarded to the members who have been Presidents of the Congresses held since 2005. The ICC will cover the cost of the corresponding certificates with its own funds. The full list of award winners is published on the ICC website.

Past Chairman Award:

Similarly, this award has not been presented since 2005. The EC/ICC has also decided to restore the tradition in forthcoming ICC congresses, as well as to send the award to the ICC Past Chairmen who have not received the award. The ICC will also cover the cost of the corresponding certificates with its own funds. The full list of award winners is published on the ICC website.

Young Researcher Travel Award:

The International Corrosion Council set up this award in 2011. In accordance with existing ICC rules (see newsletter n° 13) the Chairman of the ICC received 4 applications for young research travel award. Only 2 met the requirement for the degree of Ph.D. and specialization in metallic corrosion. The ICC Executive Committee selected the following two candidates:

- Heidis Patricia Cano Cuadro (Colombia)
- Wen Chuang (China)

The grant will cover the air flight tickets and congress registration fees, although possibly the Jeju Congress organizers exempt of registration fees to these two people.

8. BEST POSTER PRESENTATION AWARD

David Sleeman, who has recently taken over as the Executive Publisher for Emeralds's journal Anti-Corrosion Methods and Materials (first published in 1955) contacted the ICC to explore ways of working closer together, proposing as a first step the presentation of an award at the 19th ICC Congress in Jeju for the best poster presentation. The EC/ICC considered this a positive suggestion. The best paper will be selected by David Sleeman and the ICC Secretary

9. ICC FORUM ON CORROSION IN DEVELOPING COUNTRIES

The Forum on Corrosion in Developing Countries has been canceled due to the absence of communications to be presented at the Jeju Congress on this topic.

10. CORROSION INFORMATION SOURCES

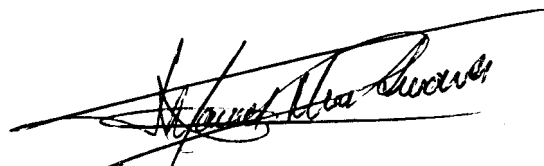
Aim: To update the documents prepared by R.J. Hussey in 1996. A form to be completed by each country was sent by the ICC web-master Dr. Belen Chico to all ICC members in January 2013 and October 2014.

Only 14 countries have returned the completed form up to date. The information collected has been included in the ICC web-page.

I am hoping to see many Council members in Jeju. Your attendance, as always, is important for promotion of co-operation and friendship between corrosion scientists and engineers in different countries. It is the one opportunity in each three-year cycle when many Council members may meet and debate the important issues concerning our subject. May I suggest that you bring this Newsletter with you. Likewise do not forget your travel arrangements, including a visa for those participants who need it.

With my best wishes and looking forward to see you in Jeju,

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Manuel Morcillo', written over a horizontal line.

Manuel MORCILLO

Chairman of International Corrosion Council

ANNEX 1

19th International Corrosion Congress

ICC Council Meetings

Jeju, 2nd and 4th November 2014

PROVISIONAL AGENDA

1st Meeting

Place: International Convention Centre (Jeju). Room 301 (3F)

Date, Time: Sunday, 2nd November, 15.30-17.00

1. Opening of the meeting. List of attendance
2. Presentation of new ICC members and vote on acceptance
3. Approval of agenda
4. Approval of the minutes of the Council meetings held at the 18th ICC Congress in Perth
5. Brief report on the development of the coming 19th ICC Congress (by representatives of the Organising Committee)
6. Venue for the 20th ICC International Corrosion Congress (2017). Brief presentation of bids (5 minutes maximum):
 - Brazil Corrosion Association (ABRACO)
 - Czech Association of Corrosion Engineers (AKI)

2nd Meeting

Place: International Convention Centre (Jeju). Room 301 (3F)

Date, Time: Tuesday, 4th November, 17.30-19.30

7. Election of new ICC Vice Chairmen for the period 2014-2017

Collection of ballots

- a. Appointment of tellers
- b. Report of tellers
- c. Designation of new ICC Vice Chairmen

8. ICC activity report
9. Membership report
10. Secretary-Treasurer report
11. ICC Awards
 - a. Marcel Pourbaix Award
 - b. Past President Award
 - c. Edward Greco Award
 - d. Young Research Travel Award
12. Best Poster Presentation Award, sponsored by Anticorrosion, Methods and Materials journal
13. Venue for the 20th ICC International Corrosion Congress (2017).
 - a. Presentation of bids (15 minutes maximum): ABRACO and AKI
 - b. Turn to ask questions/comments/clarifications to the candidatures
 - c. Voting
 - d. Designation of the 20th ICC Congress host country
14. Brief statement of acceptance (by representative of the host selected)
15. Future activities (by Prof. Carlos Arroyave, new Chairman of the ICC for the period 2014-2017)
16. Other issues.

ANNEX 2

Proxy for the 19th ICC Council Meetings



PROXY

Given the inability to attend the ICC Council meetings on 2nd and 4th of November 2014, during the 19th International Corrosion Congress to be held in Jeju (South Korea), the undersigned ICC Council member wants to be represented by the following ICC Council member: _____

Signature

Date and Place:

Name of the ICC Council member:

ANNEX 3

Minutes of the Council Meetings of the International Corrosion Council (Pending of approval in Jeju (South Korea) in 2014)

1st Meeting

Place: Perth (Australia)

Date: November 20th, 2011

1. Opening of the meeting. List of attendance (ANNEX 1)

President Prof. Tooru Tsuru (TT) opens the meeting and after thanking the attendance of ICC members and guests, he starts with the first item of the Agenda. He also distributes a copy of the attendance list to be signed and the directory of ICC members for checking contact details. He also asks the members to give the proxies to the Secretary.

Members of the council: 24

Proxies of members of the council: 7

Guests: 3

2. Presentation of new ICC members and vote on acceptance

1st Vice-Chairman, Prof. Manuel Morcillo (MM) shows the list of new appointed members, as well as expired memberships who have been appointed for renomination, received in the period (2008-2011). They have to be confirmed in this meeting by the Council for the period (2011-2017):

Country	Member	
ARGENTINA	Dr. Gustavo S. DUFFO	Renominated
BELGIUM	Prof. Herman TERRYN	1 st nomination
CANADA	Prof. Jingli LUO	Renominated
CHINA	Prof. Yu ZUO Prof. Xiaogang LI	Renominated 1 st nomination
COLOMBIA	Dr. Carlos E. ARROYAVE	Renominated
CROATIA	Dr. Sc. Darko RAJHENBAH	Renominated
DENMARK	Dr. Rajan AMBAT	1 st nomination
GREAT BRITAIN	Prof. George E. THOMPSON	Renominated
ISRAEL*	Dr. Ehud SUTSKOVER	Renominated
ITALY	Prof. Marina CABRINI Prof. Emma ANGELINI	1 st nomination 1 st nomination
JAPAN	Prof. Satoshi ITO	Renominated

JORDAN	Dr. Farqad F.M. SAEED	Renominated
LIBYA*	Dr. A. Munsif ELTAIRA	Renominated
LITHUANIA*	Prof. Algirdas SULCIUS	1 st nomination
NIGERIA	Eng. Sylvanus OKATA	Renominated
	Eng. Godwin E. IBE	Renominated
PERU	Eng. Isabel DIAZ TANG	Renominated
PORTUGAL	Prof. Mario G.S. FERREIRA	Renominated
SINGAPORE	Dr. Jianhai QIU	Renominated
SPAIN	Prof. Carlos MÜLLER	1 st nomination
SWITZERLAND	Dr. Patrik SCHMUTZ	1 st nomination
	Dr. Stefano MISCHLER	1 st nomination
TUNISIA	Prof. Ezzeddine TRIKI	Renominated
	Prof. Leila DHOUBI	Renominated
USA	Prof. Ronald M. LATANISION	Renominated
	Prof. Gerald S. FRANKEL	1 st nomination
VENEZUELA	Dr. Matilde FERNÁNDEZ DE ROMERO	Renominated
VIETNAM	Prof. Nguyen DUE HUNG	1 st nomination
	Dr. Nguyen NHI TRU	1 st nomination

*Waiting for the official nomination from the Appointing Body

All appointed new members and renominated members are confirmed by the Council.

3. Approval of agenda

TT presents the Agenda of the meeting to be held in two sessions, November 20th and 22nd, 2011. All ICC members approve the Agenda

4. Approval of the minutes of the Council meetings held at the 17th ICC in Las Vegas

All ICC members approve the Minutes of the Council meetings held at the 17th ICC Congress in Las Vegas, distributed previously in the Newsletter N°11.

5. Overview of the coming 18th ICC Congress (by local Organising Committee)

Dr. Peter Farinha (ACA, Australian Corrosion Association) as Convenor of the 18th ICC Congress presents some provisional figures and main objectives of the Organising Committee:

Provisional figures:

- 725 registrations (384 full, 75 one-day, 55 post-graduate, 10 undergraduate, 1 retired, 168 exhibitors registrations, 32 exhibition only entry registrations).
- Abstracts received from 45 different countries.

Objectives:

- Stimulate internationality and cooperation.

- Increase the participation of postgraduates, undergraduates and, in general, young corrosionist professionals.
- Sponsorship of participants attending from non-OECD countries (preferably under 40 years old).

Finally, he apologizes for the cost of attending the Congress (registration fee, hotels, etc.). He argues that the cost of life in Australia and, especially in Perth, has increased significantly in the last years.

6. Election of ICC Vice Chairman for 2011-2014. Collection of ballots. Appointment of tellers

TT asks the audience if they agree with the new additional voting system (email), which has the advantage of the easiness but perhaps it is less confidential.

V.S. Raja (India) suggests the use of new tools, as google groups for example. However, J. Duncan (New Zealand) considers that all ICC members should trust the Secretary and email should be accepted as an additional voting system because it is very easy and increases the participation. The email is accepted as a valid method for future elections.

The Secretary distributes and collects the ballots. New ballots will be also distributed in the second session (November 22nd, 2011).

According to the by-laws, three tellers have to be appointed. TT comments that the ICC-EC has proposed the following members and asks them if they accept:

- Prof. Kim (Korea)
- Prof. G. Schmitt (Germany)
- Prof. J. Luo (Canada)

The first two members accept but Prof. J. Luo is not present in the meeting. She will attend the second session. Then, she will confirm or refuse.

7. Venue for the 19th ICC International Corrosion Congress (2014). 1st presentation (brief, 5 min máx.) of bids

TT comments that three bids were received:

- Brazil
- India
- South Korea

TT comments that one representative from each country will present during 5 minutes a short introduction. Questions and detailed information (visa requirements, price, etc.) will be requested after the second presentation to be carried out in the second session (22nd, November 2011)

A.Pourbaix (AP) suggests to Z. Panossian (Brazil) that one city has to be selected before the votation.

2nd Meeting

Place: Perth (Australia)

Date: November 22th, 2011

Opening of the meeting. List of attendance (ANNEX 2)

TT presents the Agenda (continuation) for the 2nd session of the ICC Meeting.

Members of the council: 27

Proxies of members of the council: 18

Guests: 5

8. ICC activity report

TT summarizes the ICC activities carried out since last ICC meeting (Las Vegas, USA, 2008). Most important items are: *Meetings of the ICC- Executive Committee, Membership report, ICC Awards, Web page, Instrument donation campaign, Nominating committee for election of Vice-Chairmen (2011-2014), Venue for the 19th ICC International Corrosion Congress (2014), Secretary-Treasurer Report, Votation (method), 18th ICC Congress at Perth, Relationships with other organizations (EFC and WCO) and Future ICC Congresses.*

TT comments that all these items will be described and discussed during this session.

9. Membership report (by M. Morcillo)

1st Vice-Chairman (MM) shows again the ICC members list, indicating the new nominations and renominations of membership for the period 2011-2017 (see item 2 of the Agenda).

10. ICC Secretary-Treasurer report (by D. de la Fuente)

The Secretary-treasurer, Dr. D. de la Fuente informs that the ICC-EC has met three times since 2008: October 10th 2009 in Nice (France), 31st May 2010 in Madrid (Spain) and November 20th 2011 in Perth (Australia).

He comments that ICC has a new bank account since February 2009 and presents the financial report. The main incomes come essentially from the old account and from the levy of the ICC congress in Las Vegas. The expenses are limited to the travel costs of the secretary-treasurer for the meetings of the Executive Committee, to the awards, especially the two young research travel awards 2011, and to the maintenance costs for the ICC web-page.

The financial report shows a small increase of the credits of ICC since 17th ICC Congress in Las Vegas.

Finally, regarding the ICC web page, he comments that a completely new, improved and user-friendly version of the web page has been uploaded, a new webmaster, Dr. B. Chico (CENIM/CSIC) has been appointed and the domain www.icc-net.org has been renewal until 2015-09-01. A new version is planned for 2012.

11. ICC Awards

- Marcel Pourbaix Award

TT comments that the 2011 Marcel Pourbaix award for promotion of international collaboration will be presented at the conference dinner to Prof. R. Staehle (USA) and Prof. V. Gouda (Egypt).

- Young Research Travel Award

TT comments that seven applications were received (one incomplete). After the reviewing process, four of them were granted (Mr. C. Christodoulou (Greece), Mr. J. Sudagar (China), Mrs. P. Montoya (Colombia) and Mr. J. Han (China)). However, unfortunately only the first two have attended the Congress. Both have received the awards (1000 euro each) during the Congress.

AP remarks that the ICC bylaws are very clear and for the next time a commitment to attend from the applicants should be required.

12. Election of ICC Vice Chairman for 2011-2014. Collection of ballots. Report of tellers. Designation of new ICC Vice Chairman

New ballots are distributed and collected. All ballots received (by email, by post and in the two sessions of the ICC Council meeting) are given to the three tellers. The total number of ballots is 50. Prof. J. Luo (China) accepts her appointment as a teller.

After counting the ballots, the tellers reports to TT, who communicates the result to the ICC Council:

- Prof. C. Arroyave (Colombia) is designed 1st Vice-Chairman (37 votes as 1st Vice-Chairman)
- Prof. P. Vassiliou (Greece) is designed 2nd Vice-Chairman (11 votes as 1st Vice-Chairman).
- There are two invalid votes.

13. Venue for the 19th ICC International Corrosion Congress (2014). 2nd presentation (15 min máx.) of bids. Voting and selection of 2014 Congress Host Country.

One representative from each country (Brazil, India and South Korea) presents during 15 minutes a summary of the candidature to organize the 19th ICC Congress.

After the presentations the forum is open for questions:

- AP asks Z. Panossian (Brazil) about the date of the Congress to avoid coincident dates with the World Football Championship. Z. Panossian answers that this issue has been taken into account, and therefore, the Congress would be held in October. The World Football Championship will be held in June.
- AP also asks (South Korea) regarding dates, a compromise to carry out the Congress completely in English and regarding the responsibility of the organization. The Korean representative answers that the Congress would be held in November. He also confirms that English will be the only official language and that the Corrosion Science Society of Korea will have the responsibility of the organization.

The secretary distributes and collects the ballots of the ICC members in attendance and from the valid proxies received. The total number of ballots collected is 44 and they are given to the tellers. After counting, the tellers give the result to TT, who announces it:

- Brazil: 17 votes
- India: 7 votes
- South Korea: 20 votes

As none of the bidders get the minimum of more than 50% of the votes, according to the bylaws, a new round is necessary. The bidder with the less number of votes, in this case India, is eliminated. The secretary distributes and collects the ballots of the second round. The total number of ballots collected is, once again 44, and they are given to the tellers. After counting, the tellers give the result to TT, who announces it:

- Brazil: 21
- South Korea: 23

Therefore, TT announces that South Korea will organize the 19th ICC Congress in 2014.

14. Brief statement of acceptance (by representative of the host selected)

The president of the Corrosion Science Society of Korea thanks the support of the ICC members and gives to TT a signed document containing the compromises for the next congress: no visa required, registration fee around 800 USD, special discounted accommodation rates in nearby hotels, 50% discount of the registration fee for students and a special support will be considered for the valuable papers from developing countries.

15. Brief report on the development of the 18th ICC Congress (by local Organising Committee)

Nobody from the local Organising committee is present in the session.

16. Future activities (by M. Morcillo)

MM, as new president of ICC for the period 2011-2014 presents an overview of the future planned activities of ICC:

- *ICC-Executive Committee:*
 - o Continuing the tradition of an annual meeting.
 - o A newsletter will be prepared each year reporting to the ICC members of the activity done. The newsletter will be emailed and uploaded on the ICC web site.
- *Membership:*
 - o Reincorporate countries that once belonged to ICC.
 - o Try to incorporate new countries that never belonged to ICC.
 - o Try that all countries have two representatives.
 - o Try to involve younger people.
- *Web page:*
 - o Update, incorporating newsletters, minutes, next events and calls and other additional significant information.
- *ICC publications*
 - o Sources of corrosion information and survey of corrosion research laboratories.

- *Cooperation with developing countries*
 - o Continue the donation campaign for scientific instrumentation, trying to involve other companies, and young research travel awards for developing countries.
 - o Encouraging recipients of equipments and winners of the young research travel award to present its research results in a Workshop or Forum on Cooperation with developing countries to be done in the next ICC Congress.
- *ICC Status*
 - o Take the first steps towards regularizing the legal status of ICC
- *ICC Advisory Council*
 - o Try to create an advisory council

17. Other issues.

At the end of the meeting, Prof. V. Gouda (Egypt) took the floor and made a suggestion to organize an advisory group with the aim of enhancing (increasing, elevating to higher goals than just lists of members, newsletter and triennial congresses) the activities of ICC.

ANNEX 1

COUNTRY	MEMBER	REMARKS
ARGENTINA	B. ROSALES	
AUSTRALIA	P. VINCE	GUEST and PROXY : G. WILL (AUSTRALIA)
AUSTRALIA	D. YOUNG	
AUSTRALIA	P. FARINHA	GUEST and Convenor of the 18th ICC Congress
AUSTRALIA	R. JAVAHERDASHI	GUEST
BELGIUM	A.POURBAIX	
BELGIUM	H. THERRYN	
BRAZIL	Z. PANOSSIAN	PROXY : L. ULLER (BRAZIL)
CHINA	Y. ZUO	
COLOMBIA	C.ARROYAVE	PROXY : G.E.THOMPSON (GREAT BRITAIN)
EGYPT	V. GOUDA	
GERMANY	G. SCHMITT	
GREECE	P. VASSILIOU	
INDIA	V.S. RAJA	
JAPAN	T. TSURU	PROXY : N.N. TRU (VIETNAM)
KOREA	K.Y. KIM	
KOREA	Y.S. PARK	
KUWAIT	K.J.M HABIB	

NEW ZEALAND	J. DUNCAN	
NEW ZEALAND	W.L. MANDENO	
PORTUGAL	M.G.S. FERREIRA	
ROMANIA	A.BANU	
SOUTH AFRICA	L. PRETORIUS	
SPAIN	M. MORCILLO	PROXY : C. MÜLLER (SPAIN) and O.T. RINCON (VENEZUELA)
TAIWAN	H.H. HUANG	PROXY : W.T. TSAI (TAIWAN)
TURKEY	S. BILGIC	
TURKEY	G. BEREKET	

ANNEX 2

COUNTRY	MEMBER	REMARKS
ARGENTINA	B. ROSALES	
AUSTRALIA	P. VINCE	GUEST and PROXY : G. WILL (AUSTRALIA)
AUSTRALIA	D. YOUNG	
AUSTRALIA	I. BOOTH	GUEST
AUSTRIA	G. MORI	
BELGIUM	A.POURBAIX	PROXY : V. POKHMURSKII (UKRAINE) and M. CABRINI (ITALY)
BELGIUM	H. THERRYN	
BRAZIL	Z. PANOSSIAN	PROXY : L. ULLER (BRAZIL), O.T. RINCON (VENEZUELA), J. ROCHA (BOLIVIA), M. ROMERO (VENEZUELA), S. RIVERO (URUGUAY), R. ARAYA (CHILE), T. DIAMANTINO (PORTUGAL)
CANADA	J. LUO	
CHINA	Y. ZUO	PROXY : Y. LI (CHINA)
COLOMBIA	C.ARROYAVE	PROXY : G.E.THOMPSON (GREAT BRITAIN)
EGYPT	V. GOUDA	
GERMANY	G. SCHMITT	
GREECE	P. VASSILIOU	
INDIA	V.S. RAJA	
JAPAN	T. TSURU	PROXY : N.N. TRU (VIETNAM)
KOREA	K.Y. KIM	PROXY : G.S. FRANKEL (USA)
KOREA	Y.S. PARK	

KUWAIT	K.J.M HABIB	
NEW ZEALAND	J. DUNCAN	
NEW ZEALAND	W.L. MANDENO	
PORTUGAL	M. G.S. FERREIRA	
ROMANIA	A.BANU	
SINGAPORE	D.J. BLACKWOOD	PROXY : J. QUIU (SINGAPORE)
SOUTH AFRICA	L. PRETORIUS	
SOUTH AFRICA	L.A. CORNISH	GUEST
SPAIN	M. MORCILLO	PROXY : C. MÜLLER (SPAIN)
TAIWAN	H.H. HUANG	PROXY : W.T. TSAI (TAIWAN)
TURKEY	S. BILGIC	
USA	B. CHALKER	GUEST
TURKEY	G. BEREKET	
VIETNAM	L. T. H. LIEN	GUEST AND PROXY : N.D. HUNG (VIETNAM)

ANNEX 4

International Corrosion Council Provisional Membership List

Country	Member	Confirmed	End of current term
Albania	M.J. Bakalli	2008	2014
	Z. Gace	2008	2014
Algeria	A. Draï	2008	2014
	A. Hannani	2008	2014
Argentina	G.S Duffó	2011	2017
	B.M. Rosales	2008	2014
Australia	G. Will	2008	2014
	D. Young	To be confirmed: 2014	2020
Austria	G. Hochortler	2008	2014
	G. Mori	2008	2014
Belgium	A. Pourbaix	To be confirmed: 2014	2020
	H. Terryñ	2011	2017
Bolivia	J.C Montenegro	2008	2014
	J.A Rocha	2008	2014
Brazil	Z. Panossian	To be confirmed: 2014	2020
	S.L.C. Brazil	To be confirmed: 2014	2020
<u>Bulgaria**</u>	R. Raicheff**		2011
Burkina Faso	L. Bonou	2008	2014
Canada	J. Luo	2011	2017
	Y. Zeng	To be confirmed: 2014	2020
Chile	R. Araya	2008	2014
	A. Pagliero	2008	2014
China	Y. Zuo	2011	2017
	X. Li	2011	2017

Colombia	C. Arroyave	2011	2017
<u>Costa Rica**</u>	G. Pridybailo	2008	2014
	J.F. Alvarez**		2011
Croatia	H. Otmacic Curkovic	To be confirmed: 2014	2020
	I. Stojanovic	To be confirmed: 2014	2020
Cuba	F. Corvo	2008	2014
	A. Cabezas	2008	2014
Czech Republic	M. Kouril	To be confirmed: 2014	2020
	K. Kreislova	To be confirmed: 2014	2020
Denmark	R. Ambat	2011	2017
	M. Juhl	To be confirmed: 2014	2020
Ecuador	A.F. Rigail-Cedeño	2008	2014
	J. Peña	2008	2014
Egypt	V.K. Gouda	To be confirmed: 2014	2020
	R. Abdel-Karim	To be confirmed: 2014	2020
Finland	O. Forsen	2008	2014
	M. Arponen	2008	2014
France	P. Marcus	To be confirmed: 2014	2020
	D. Feron	To be confirmed: 2014	2020
Germany	G. Schmitt	To be confirmed: 2014	2020
	R. Feser	To be confirmed: 2014	2020
Great Britain	A. Harrop	2011	2017
	G.E. Thompson	2011	2017
Greece	D. Symniotis	To be confirmed: 2014	2020
	P. Vassiliou	To be confirmed: 2014	2020
Hong Kong	K.F. Chung	To be confirmed: 2014	2020
Hungary	J. Telegdi	2008	2014
<u>Iceland**</u>	R.I. Thorarinsdottir**	2005	2011
India	V.S. Raja	To be confirmed: 2014	2020

Indonesia	B. Widyanto	To be confirmed: 2014	2020
	T. Wibowo	To be confirmed: 2014	2020
<u>Israel**</u>	E. Sutskov**	2005	2011
	Y. Ein-Eli**	2005	2011
Italy	M. Cabrini	2011	2017
	E. Angelini	2011	2017
Japan	S. Ito	2011	2017
	T. Tsuru	2008	2014
Jordan	F.M. Saeed	2011	2017
	A. Odeh	2008	2014
Kuwait	K.J.M. Habib	To be confirmed: 2014	2020
	A. Al-Hashem	2008	2014
Latvia	I. Vitina	2008	2014
<u>Libya**</u>	M.F. Eltaira**	2005	2011
	A. A. Elbasir**	2002	2008
Lithuania	E. Juzeliunas	2008	2014
	A. Sulcius	To be confirmed: 2014	2020
<u>Mexico**</u>	G. Zavala**	2005	2011
	F.J. Rodríguez-Gómez**	2005	2011
Netherlands	A. Mol	To be confirmed: 2014	2020
New Zealand	J. Duncan	2008	2014
	W.L. Mandeno	2008	2014
Nigeria	S. Okata	2011	2017
	G.E. Ibe	2011	2017
Norway	J. Berget	2008	2014
	E. Gulbrandsen	2008	2014
<u>Pakistan**</u>	I. H. Khan**		2008
Panama	J. Jaén	2008	2014
	A. Foti de Bósquez	2008	2014

Peru	I. Díaz Tang	2011	2017
	G.J. Salas	2008	2014
Philippines	N.A. Aguila	2008	2014
	R.C. Sabularse	2008	2014
Poland	L. Kwiatkowski	To be confirmed: 2014	2020
Portugal	M.G.S Ferreira	2011	2017
	T.C. Diamantino	2008	2014
Romania	A. Banu	To be confirmed: 2014	2020
	M.V. Popa	2008	2014
Russia	S.V. Gnedenkov	To be confirmed: 2014	2020
	V.I. Sergienko	To be confirmed: 2014	2020
Saudi Arabia	I. F. Al-Adel	2008	2014
Singapore	D. J. Blackwood	To be confirmed: 2014	2020
	J. Qiu	2011	2017
South Africa	L. Pretorius	2008	2014
South Korea	K.Y. Kim	2008	2014
	Y.S. Park	2008	2014
Spain	M. Morcillo	2008	2014
	C. Müller	2011	2017
Sweden	R. Pettersson	2008	2014
	C. Leygraf	2008	2014
Switzerland	P. Schmutz	2011	2017
	S. Mischler	2011	2017
Taiwan	W.T. Tsai	2008	2014
	H. Huang	2008	2014
Thailand	S. Chewasatn	2008	2014
	N. Pankurdee	2008	2014
Tunisia	E. Triki	2011	2017
	L. Dhoubi	2011	2017

Turkey	S. Bilgic	2008	2014
	G. Bereket	2008	2014
Ukraine	V. Pokhmurskii	To be confirmed: 2014	2020
	F. Danilov	To be confirmed: 2014	2020
Uruguay	V. Díaz Moreno	2008	2014
	S. Rivero	2008	2014
USA	R.M. Latanision	2011	2017
	G. Frankel	2011	2017
Venezuela	M. Fernández Romero	2011	2017
	O.T. de Rincón	2008	2014
Vietnam	N. Duc Hung	2011	2017
	N. Nhi Tru	2011	2017

<u>Bulgaria</u>	R. Raicheff**
<u>Costa Rica</u>	J.F. Álvarez**
<u>Iceland</u>	R.I. Thorarinsdottir**
<u>Israel</u>	E. Sutskov**
<u>Israel</u>	Y. Ein-Eli**
<u>Lybia</u>	M.F. Eltaira**
<u>Lybia</u>	A. A. Elbasir**
<u>Mexico</u>	G. Zavala**
<u>Mexico</u>	F.J. Rodríguez-Gómez**
<u>Pakistan</u>	I. H. Khan**

**** If the letter of re-nomination is not received before 25th October 2014, they will cease to be ICC members**

ANNEX 5



BALLOT

For the election of ICC Vice-Chairmen to serve during the period 2014-2017

Please, select two candidates (place a cross in the corresponding two boxes):

Prof. Yu ZUO (China)

Prof. Günther SCHMITT (Germany)

Prof. Panayota VASSILIOU, now 2nd Vice-Chairman (Greece)

Prof. V.S. RAJA (India)

Prof. Emma ANGELINI (Italy)

ANNEX 6

Curricula vitae of the candidates for vice-chairman of the ICC

Name: Yu ZUO

Title: Professor

Address: Faculty of Materials Science and Engineering, Beijing University of Chemical Technology, 15# Beisanhuan Road, Beijing 100029, China

E-mail: zuoy@mail.buct.edu.cn

Zuo got a Bachelor's degree in Dept. of Materials Sci. and Eng., Gansu University of Technology in 1981. He got a Master degree in Dept. of Physical Chemistry, Beijing University of Iron and Steel Technology in 1984 and a Ph.D. degree in Dept of Surface Science and Corrosion Engineering, University of Science and Technology Beijing in 1994. Since 1984 he has been working in Beijing University of Chemical Technology. During 1989 to 1991, he worked in Dept. of Materials Science and Engineering, Massachusetts Institute of Technology as a visiting scientist. He got an associate professor's position in 1991 and has been a professor since 1995.

For recent years, Prof. Zuo's main research fields include localized corrosion of metals, anodic films, chemical conversion films and coatings for aluminum and magnesium alloys, brush plating for stainless steels, and electrochemical testing methods for coatings. Zuo has authored or co-authored more than 300 journal papers and 6 books, in which about 100 papers were published in English. He taught 9 courses for students and graduate students, such as "X-rays diffraction Method", "Testing methods for materials science", "Physical metallurgy", and "Corrosion and protection of metals and alloys". He was the vice president of Chinese Society for Corrosion and Protection from 1997 to 2010, and has been a member of the International Corrosion Council since 2005. He is the editorial board member of several journals including "Surface and Coatings Technology", "J. of Chinese Soc. for Corros. and Prot." and "Materials Protection".



Prof. Dr. habil Günther SCHMITT

Institute for Maintenance and Corrosion Protection Technology (IFINKOR)
gGmbH
Kalkofen, 4
D-58638, Iserlohn, Germany

Phone: +49-(0)2371-9597-0

Fax: +49-(0)2371-53133

e-mail: guenter.schmitt@ifinkor.de or gue.schmitt@t-online.de

Nominated: 2014

Confirmed: To be confirmed 2014

End of current term: 2020

Appointing Body: GfKORR - Gesellschaft für Korrosionsschutz e.V., -Hauptesäftsstelle – Theodor-Heuss-Allee 25 D-60486 Frankfurt/Main, Germany, www.gfkorrr.de, gfkorrr@dechema.de, Phone: +49-69-75 64 360/436, Fax: +49-69-75 64 391.

PROFILE

Biodata

- Study of Chemistry at the University of Cologne and the Aachen University of Technology, Germany, Graduation in Chemistry
- PhD Thesis on homogeneous catalysis with organometallic compounds; Doctor of Natural Science at the Aachen University of Technology (1971)
- Habilitation in "Chemical Engineering" and *venia legendi* in Technical Chemistry/Chemical Engineering at the Aachen University of Technology; Assistant Professor at the Institute of Technical Chemistry and Petroleum Chemistry, Aachen University of Technology (1978)
- Professor for Technical Chemistry at the University of Bochum, Germany (1983-1985)
- Professor for Corrosion and Corrosion Protection at the Iserlohn University of Applied Sciences, Iserlohn/Germany; Head of the Laboratory for Corrosion Protection (1986-2007)
- Chief Executive Officer of IFINKOR - Institute for Maintenance and Corrosion Protection Technologies n.p.Ltd., Iserlohn, Germany (since 2005)

Teaching

- University of Applied Sciences Iserlohn (Corrosion Protection Engineering)
- Aachen University of Technology, Germany (Technical Chemistry ; Corrosion and Corrosion Protection)

Research

Research groups at the Iserlohn University of Applied Sciences and Aachen University of Technology

- **Chemical processes for organic and metalorganic intermediate chemicals** (Synthesis of special chemicals and polymer precursors, homogeneous catalysis)

PROFILE (CONT.)

- **Corrosion, corrosion protection, surface modification** (Corrosion and corrosion protection in production, transport and processing of fossil fuels (coal, oil, gas), sweet (CO₂) and sour (H₂S) gas corrosion, hydrogen induced corrosion, flow-influenced corrosion, interface/interphase phenomena, electrochemistry, corrosion monitoring, inhibition, organic coatings, electroless alloy plating, temporary corrosion protection, failure analysis and trouble shooting. More than 270 publications in the fields of Chemistry and Corrosion & Corrosion Protection

Further Activities

- Co-Founder and Past President (1995-2004) of the German Society for Corrosion Protection (GfKORR-Gesellschaft für Korrosionsschutz e.V, Frankfurt/Main)
- Scientific Chairman of EUROCOR'99
- Chairman (1982-1993) of the WG F5 (Materials performance in waters and soil, Corrosion Inhibitors), Chairman of the task group "Oil field inhibitors" (WG F5), coordinator in the joint industry research project "Corrosion in process waters" (WG G6) in the research program "Corrosion and Corrosion Protection" of the German Federal Minister for Science and Technology
- German delegate in the International Corrosion Council (ICC)(since 1990);
- German delegate and active member in working groups of the European Federation of Corrosion (EFC): WG 1 on Corrosion and Scale Inhibitors (Chairman; member since 1976), WG on Corrosion Education (member since 1978), WG13: Oil and Gas Corrosion (member since 1990), WG 19 on Polymer Corrosion (Co-Founder and Vice chairman)
- Organiser of 5-days International Course in Theory and Practice of "Corrosion Inhibitors", sponsored by the WG 1 on "Corrosion and Scale Inhibitors" of the EFC, held 1986, 1988, 1993, 1996 and 2001 at DECHEMA, Frankfurt/Main,
- Convenor of ISO TC67 WG7 "Materials for use in H₂S environments in oil and gas production" (ISO 15156/NACE MR0175 and ISO 23936) and chairman of the Maintenance Agency of ISO 15156
- Member of major German associations in the field of Chemistry, Electrochemistry, Chemical Engineering and Corrosion (AGEF, DECHEMA, DGMK, DGO, GDCh, GfKORR, VDI)
- Member of international organizations: NACE International (NACE Fellow), ISE, ECS
- Past Member of the Board of Directors in the Association of Electrochemical Research Institutions (AGEF)
- Past Member of the Scientific Advisory Board of the Society of German Engineers (VDI) - Subgroup Materials Technology
- Member of the Scientific Council of the Association of Industrial Research Institutions (AiF), Germany
- Member of the Coordination Council for Corrosion Research (Kuratorium Korrosionsforschung der AiF) in Germany
- Member of the International Advisory Board of the corrosion journals "Materials and Corrosion"(Germany) and "Corrosion Engineering, Science and Technology" (UK)
- Member in the Management Committees of three European COST Programs: COST 520 "Biofilms" (1997- 2002), COST F2 "Electrochemical Flow measurements" (1999-2003), COST D33 "Materials and Microorganisms" (2005 ff)
- Award (2011): European Corrosion Medal of the European Federation of Corrosion (EFC)

CV of Panayota Vassiliou, Chem. Eng. Prof.

Chemical Engineering from U.C. Berkeley.

Professor in Physical Chemistry and Applied Electrochemistry in the School of Chemical Engineering of the National Technical University of Athens since 1982.

Teaching in the Schools of Chemical, Naval-Marine, Mechanical and Electrical Engineering.

Research interests: corrosion and protection in marine environment, anticorrosive and antifouling coatings, electroless plating and protection of metals of cultural heritage-protection of marbles of cultural heritage.

Fellow of the Relay Manufacturing Association of America, Int. Editor of the Chinese Journal "Electroplating and Finishing".

60 publications in scientific journals and 200 presentations in conferences on the corrosion and protection of metals issues.

Profile of VS. Raja

Prof. V.S Raja obtained his doctoral degree from Indian Institute of Science Bangalore (1987) and then joined Indian Institute of Technology Bombay as a faculty and currently serving as Institute Chair Professor in Department of Metallurgical Engineering and Materials Science. He has established several international collaborations on Corrosion research. He was a guest researcher at Chalmers University of Technology, Sweden, Visiting Professor at University of Nevada, USA and Guest Scientist at GKSS Germany and Tohoku University, Japan. Currently he has ongoing collaboration with Canada, France, Australia, Belgium and Netherland on various corrosion related problems.

Prof. Raja, along with his students, has always been focusing his research to understand the fundamental relation between metallurgy of the alloys and their corrosion behavior and also applied the understanding to solve industrial problems. His work on (a) Nickel free austenitic stainless steels, (b) Al alloy sacrificial anodes, (c) Mechanism of Mo dissolution in hydrochloric acid solution, (c) Cooperative oxidation behavior in two-phase iron aluminide (d) Fundamental understanding of environmentally assisted cracking (EAC) behavior of high strength Al-alloys and (e) Role of solidification of weldments on EAC mechanism of austenitic stainless steel (f) Mechanism of EAC behavior of magnesium alloys are note worthy. Prof. Raja has developed quite a few new courses for Master's and has been teaching them for both corrosion and metallurgy students and as well as for industry personnel. He undertook several projects of national importance and solved more than 100 industrial corrosion problems.

Prof. Raja guided seventeen doctoral and eighty master's students; published over hundred technical papers in peer reviewed journals and presented numerous papers in conferences and workshops. He is the lead editor of the book "Stress Corrosion Cracking: Theory and Practice" published by Woodhead publishers. He is in the editorial board of Corrosion Engineering, Science and Technology, Advances in Materials Science and Key Reader of Metallurgical and Materials Transactions A and has been a reviewer of over two dozen journals. Prof. Raja has been well recognized nationally and internationally. In recognition, he received several national awards and is a NACE fellow.

Address

Dr.V.S. Raja

Professor

Dept. of Metallurgical Engineering and

Materials Science

IIT Bombay

Mumbai 400 076, INDIA

Tel: +91-22-2576 7892 (Voice mail) (Office)

Cell: +91-9869769984

Fax: 2572 3480

Email: vsraja@iitb.ac.in

Emma ANGELINI - Curriculum vitae

Emma ANGELINI, graduated in Chemistry at the University of Torino in 1975, she actually works in the Department of Applied Science and Technology, where she was nominated in 1976 Assistant of Physical Chemistry at Politechnic of Torino, in 1985 Associate Professor of Chemistry in the Faculty of Engineering, Politechnic of Torino, in December 2003 Professor of Applied Physical Chemistry. She has been member of the Academic Senate of Politechnic of Torino from November 2001 to November 2003. From 2010 till now she is Associate to the Institute for the Study of Nanostructured Materials (ISMN) of the National research Council of Rome.

She teaches Chemistry in the courses of Electronic Engineering, and in the field of e-learning she recorded a course of Chemistry broadcasted by RAI NETTUNO SAT1 and RAI NETTUNO SAT2, by means of HotBird satellite of EUTELSAT. From 2012 till now she is Fellow of ASP (Alta Scuola Politecnica). She is responsible for research projects in the following fields : i) protection of cultural heritage, ii) biomaterials to be employed in restorative dentistry, iii) innovative alloys for employments in electrocatalysis, iiiii) surface modification of materials by low pressure plasmas.

In particular she was involved in several research projects as responsible of an operative unit: research projects granted by C.N.R. (National Research Council) Committee 15, Science and Technology for Cultural Heritage; Finalized Project of C.N.R. on Cultural Heritage with a study on the Methodology for the evaluation of the conservation degree of iron metallic artefacts; C.N.R. Finalized Project: Special Materials for Advanced Technology , Characterization, properties and qualification of materials; Finalized Project Innovative Materials: Biomaterials with a study on Innovative materials for conservative dentistry.

She is responsible of: (i)Galileo Cooperation Program between Italy and France for the study of a Methodology for the evaluation of the corrosion degree and of the effectiveness of recovering treatments on archaeological metallic artefacts; (ii) European Project Growth NANOMAG (Development Of Innovative Nanocomposites Coating for Magnesium Castings Protection 2002-2005), European Project MATECO (New coatings deposited by PACVD for corrosion protection 2004-2007);(iii)European Project INCOMED EFESTUS (Tailored strategies for the conservation and restoration of archaeological value Cu-based artefacts from Mediterranean Countries 2003-2005), European INCO-MED Project PROMET (Innovative conservation approaches for monitoring and protecting ancient and historic metals collections from the Mediterranean basin 2004-2007, European Project MEDAL – INCOMED – SSA (Mediterranean Conservation Alliance 2007-2008);Progetto Europeo CBWRMED (INCO-2010-6: Capacity Building for Direct Waste Reuse in the Mediterranean Area, 2010-2013). She has been Member of Expert Evaluators Panel: (i) in the IV Framework Program of the European Community for Measurement and Testing R&D projects, (ii) in the VI Framework Program for Co-operative Research under the Horizontal Research Activities involving SMEs FP6-2002-SME1, Marie Curie Program, in PHY Panel Marie Curie for EIF, IIF, OIF,(iii) in the VII Framework Program for "Regions of Knowledge", Potential of Research. She is National Expert of MIUR in the International Cooperation Committee (INCO) of FP7.

She is member of the following societies:

- ICC (International Corrosion Council) as Italian representative;
- EFC (European Federation of Corrosion) Working Party "Surface Science and Mechanism of Corrosion and Protection"
- Scientific Committee of the Journal "La Metallurgia Italiana"

- AIM (Associazione Italiana di Metallurgia) as Secretary of the Technical Committee Corrosion
- SCI : Societa' Chimica Italiana, Electrochemistry and Mass Spectrometry Division
- AIAr (Associazione Italiana di Archeometria)
- ESB (European Society for Biomaterials)

The scientific work carried out and the more than 200 papers published may be grouped according to the following items:

1. Corrosion and protection of metallic materials: the research has been devoted to the study of the corrosion resistance of superficially treated steels, duplex stainless steels and sintered steels, amorphous and nanocrystalline alloys.
2. Plasma Chemistry: PECVD coatings for protection of metals, iron alloys, magnesium alloys.
3. Characterization of materials for mass standards: in co-operation with the Metrologic Institute Colonnetti electrochemical techniques are applied to the characterization of materials for mass standards in order to study the mass stability.
4. Analysis, corrosion processes and restoration problems on archaeological artifacts - studies of degradation processes on archaeological artifacts, studies of composition, trace elements and lead isotopic ratio of Nuragic bronzes in order to obtain information on the origin of the artifacts; tailored strategies for restoration and conservation of bronzes; innovative plasma technologies for protection of metallic artefacts; EIS portable instrumentation for *in situ* evaluation of the protective effectiveness of natural and artificial patinas.
5. Studies on biomaterials - the research is carried out mainly on dental materials in environments simulating the oral cavity, in order to evaluate the corrosion resistance and release of ions.

ANNEX 7

Bids for the venue of the 20th International Congress

Rio de Janeiro, February 24th, 2014.

Prof. Manuel Morcillo

President of ICC Executive Committee

Subject: 20th International Corrosion Congress

Dear Sir,

ABRACO - Brazilian Association of Corrosion was founded in 1968 and its own office is located in Rio de Janeiro city. The Association members include private and state companies, universities, research centers and consultants dedicated to the study of corrosion and corrosion control practices. ABRACO maintains permanent contact with the universities, technological institutes and with public and private agencies that deal with issue related to corrosion and protection in Brazil.

Since 1971, ABRACO has periodically organized several events, such as: congresses, workshops related to specific corrosion topics, seminars and corrosion courses with the objectives of promoting the knowledge and information exchanges about corrosion control best practices, as well as divulging the main technological innovations in the industry with the participation of highly qualified professionals.


The International Corrosion Meeting - INTERCORR is the ABRACO major international event and its 4th edition will be held in Fortaleza, state of Ceará, in the next 19 to 23 May. The International Corrosion Meeting happens every two years, being the event with the highest periodicity in Latin America which makes it one of the most important corrosion events held in the Country.

ABRACO has also been holding the Brazilian Corrosion Congress (CONBRASCORR) every year. This year will be the 34th edition of this event.

Therefore, we kindly take the opportunity to offer ABRACO to organize and host the 20th International Corrosion Congress in Brazil, to be held in 2017.

We are sure that the magnificent tourist attractions and excellent infrastructure of this Country as well as the ABRACO's experience in the organization of outstanding and huge congresses will contribute to the success of such an important event.

We would like to inform that ABRACO will assume the financial responsibility of the event organization.



Sede RJ
Av. Venezuela, 27 - 412 - Centro
Rio de Janeiro - RJ - 20081-311
Tel: +55 (21) 2516-1962
Fax: +55 (21) 2233-2892

Filial SP
Av. Prof. Almeida Prado 532 - Prédio 53 - Térreo
Cidade Universitária - São Paulo - SP - 05508-901
Tel: +55 (11) 3719-5726
Fax: +55 (11) 3767-4036

Thank you in advance for your attention and we look forward to your reply. We are at your disposal for any eventual needs.

Respectfully,



Simone L. D. C. Brasil – *Executive Director*



Rosileia Mantovani - *President*



Prague, March 31, 2014

Czech Association of Corrosion Engineers (AKI) and its invitation to host the International Corrosion Congress 2017 in Prague, Czech Republic.

Dear Dr. Morcillo,

on behalf of the Czech Association of Corrosion Engineers I would like to pronounce our highest interest to organize the International Corrosion Congress 2017 in Prague, the capital of the Czech Republic.

Prague, as an architectural jewel of Europe, is an exceptionally attractive congress destination featuring both historical and modern conference venues, hotels, restaurants, infrastructure and places of interest. Congress delegates coming to Prague are pleased to see the variety of suitable conference venues that provide the highest standard of hospitality, with the overall costs being competitive when compared with other European cities. What is also important, Prague is located in the very heart of Europe. Thanks to it, it takes only a while to reach it by plane from the majority of European cities.

I believe that the year of 2017 provides greatest opportunity to bring the ICC back to Europe after the long period of 15 years. Since organizing two large corrosion conferences in Europe within a single year is risky, we propose to join the ICC with the EUROCORR conference. The common bid of Czech Association of Corrosion Engineers and Dechema has succeeded on Tuesday last week in candidacy of Prague to host the EUROCORR conference in 2017 and now Europe, represented by Prague has a great opportunity to join both the events. We expect, for many reasons, more than 1000 participants at the EUROCORR congress in Prague, and ICC might help to increase the number of participants and exhibitors significantly, so that the joint congress might be considerably successful for both the institutions, ICC and EFC. The financial and organization responsibility shall rest with the cooperating professional congress organizer, Guarant Int.

Respectfully yours,

Milan Kouril

vice-president



Czech Association of Corrosion Engineers (AKI)

Technická 5

166 28 Prague

Czech Republic

tel. +420 220 44 4275

fax +420 220 44 4400

kourilm@vscht.cz