



Chairman: Prof. Tooru Tsuru
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ICC Newsletter n° 11

October 21, 2011

Dear fellow members of ICC,

The 18th International Corrosion Congress is approaching. As you know it is being organized by the Australasian Corrosion Association (ACA) and will take place in Perth, Australia on November 20-24, 2011. The Final Programme can be obtained at <http://www.18iccpert2011.com>.

Here are some news for the meetings of the International Corrosion Council (ICC) during the Congress.

1. ICC 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 meetings of the ICC during the Congress:

Place: Perth Convention & Exhibition Centre. Meeting Room 8.

The first one will be held on Sunday 20th November 2011.

Time: 15:00 - 17:00.

The second one will be held on Tuesday 22nd November 2011.

Time: 17:30 –

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

Immediate Past Chairman: Prof. Antoine Pourbaix
First Vice Chairman: Dr. Manuel Morcillo
Second Vice Chairman: Carlos Arroyave
Secretary: Dr. Daniel de la Fuente

apourbai@ubl.ac.be
morcillo@cenim.csic.es
carlostenrique.arroyave@gmail.com
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: T. Tsuru (e-mail: tsuru@mtl.titech.ac.jp), M. Morcillo (e-mail: morcillo@cenim.csic.es), C. Arroyave (e-mail: vicerector.cti@uan.edu.co), A. Pourbaix (e-mail: apourbai@ulb.ac.be). 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 17th ICC in Las Vegas (Annex 3)

4. ICC Membership

The 1st ICC Vice Chairman (M. Morcillo) 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 Council meeting.

5. 18th ICC Young Researchers Travel Award

The Chairman of the ICC received seven applications for young researchers travel award. The ICC Executive Committee selected four of them after examining their curriculum vitae and quality of application:

- C. Christodoulou (Greece)
- J. Han (China)
- P. Montoya (Colombia)
- J. Sudagar (China)

The grant of 1,000 € will be given to them during the ICC Conference in Perth.

6. Election of Vice Chairman for the period 2011-2014

A nomination committee composed by Oladis Troconis de Rincón (chairwoman, Venezuela), David J. Young (Australia), Damien Feron (France) and Louis Pretorius (SouthAfrica), proposed two candidates for the vice-chairpersons.

- Carlos Arroyave (Colombia, presently 2nd chairman of ICC)
- Panayota Vassiliou (Greece).

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

On September 15th a ballot for the election was sent by D. de la Fuente (ICC Secretary-Treasurer), **Annex 5**, as well as curriculum vitae of the candidates.

7. Bids for the venue of the 19th International Corrosion Congress

On April 24th, 2011, the bidding period for hosting the 19th ICC Congress to be held in 2014 was closed.

Three invitations were received:

- **Brazil.** Brazilian Association of Corrosion (ABRACO)
ICC Council member: Z. Panossian
- **India.** Indian Institute of Technology Bombay (IIT)
ICC Council member: V.S. Raja
- **Korea.** The Corrosion Science Society of Korea (CSSK)
ICC Council member: J.J. Kim

At their regular meetings during the Congress (November 20th and 22nd), after discussion and voting, the Council shall elect the host country for the next Congress among the three invitations submitted.

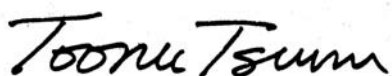
8. Establishment and Presentation of Awards

The Executive Committee has selected two recipients of the Marcel Pourbaix Award for 2011. The names of the recipients will be announced at the Council meeting on 22 November and again the medallions will be presented at the banquet.

I am hoping to see many Council members in Perth. 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 most people!

With very best wishes,

Yours sincerely,



Tooru TSURU

Chairman of International Corrosion Council



Chairman: Prof. Tooru Tsuru
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ANNEX 1

18th International Corrosion Congress

ICC Council Meetings

Perth, 20 and 22 of November 2011

PROVISIONAL AGENDA

1st Meeting

1. Opening of the meeting. List of attendance
2. Presentation of new ICC members and vote on acceptance (by M. Morcillo)
3. Approval of agenda
4. Approval of the minutes of the Council meetings held at the 17th ICC in Las Vegas
5. Overview of the coming 18th ICC Congress (by local Organising Committee)
6. Election of ICC Vice Chairman for 2011-2014. Collection of ballots
Appointment of tellers
7. Venue for the 19th ICC International Corrosion Congress (2014). 1st presentation (brief, 5 min máx.) of bids

2nd Meeting

8. ICC activity report
9. Membership report (by M. Morcillo)
10. ICC Secretary-Treasurer report (by D. de la Fuente)
11. ICC Awards
Marcel Pourbaix Award
Young Research Travel Award
12. Election of ICC Vice Chairman for 2011-2014. Collection of ballots. Report of tellers.
Designation of new ICC Vice Chairman
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
14. Brief statement of acceptance (by representative of the host selected)
15. Brief report on the development of the 18th ICC Congress (by local Organising Committee)
16. Future activities (by M. Morcillo)
17. Other issues.

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ANNEX 2

PROXY FOR THE 18th ICC COUNCIL MEETINGS



PROXY

Given the inability to attend the ICC Council meetings on 20 and 22 of November 2011, during the 18th International Corrosion Congress to be held in Perth (Australia), 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:

Immediate Past Chairman: Prof. Antoine Pourbaix
First Vice Chairman: Dr. Manuel Morcillo
Second Vice Chairman: Carlos Arroyave
Secretary: Dr. Daniel de la Fuente

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ANNEX 3

PROVISIONAL MINUTES OF THE ICC COUNCIL MEETINGS HELD AT THE 17th ICC IN LAS VEGAS

FIRST MEETING

Las Vegas, Sunday October 5th, from 5 to 7 pm.

1. Opening of the meeting, list of attendance (ANNEX 1)

Members of the council : 20

Proxies of members of the council : 7

Guests : 4

2. Presentation of new ICC members and vote on acceptance

The people that were confirmed as ICC members for the period 2008-2014 are the following:

- ALBANIA: Prof. Zana GACE (Renominated) and Dr. Mirdash BAKALLI (1st nomination)
- ALGERIE (New Country): Dr. Ahmed HANNANI (1st nomination) and Mr. Azzedine DRAI (1st nomination)
- ARGENTINA: Dr. Blanca ROSALES (Renominated)
- AUSTRALIA: Prof David YOUNG (Renominated) and Dr. Geoffrey WILL (1st nomination)
- AUSTRIA: Prof. Gregor MORI (1st nomination) and Dr. Günter HOCHÖRTLER (Renominated)
- BELGIUM: Prof. Antoine POURBAIX (Renominated)
- BOLIVIA: Prof. Juan C. MONTENEGRO (Renominated) and Prof. Jaime ROCHA (Renominated)
- BRASIL: Prof. Zebouhr Panossian (1st nomination)
- BURKINA FASSO (New Country): Dr. Lucien BONOU (1st nomination)
- CHILE: Prof. Raquel ARAYA (1st nomination) and Dr. Antonio PAGLIERO (Renominated)
- COSTA RICA: Prof. Galina PRIDYBAILO (Renominated)
- CUBA: Dr. Francisco CORVO (Renominated) and Dr. Ada CABEZAS (Renominated)
- CZECH REPUBLIC: Prof. Pavel NOVAK (Renominated) and Dr. Milan KOURIL (1st nomination)

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- ECUADOR: Prof. Julián PEÑA (Renominated) and Prof. Andrés RIGAIL (1st nomination)
- EGYPT: Dr. Venice K. GOUDA (Renominated) FINLAND: Prof. Olof FORSEN (Renominated) and Dr. Mikko ARPONEN (1st nomination)
- FRANCE: Dr. Damien FERON (Renominated) and Prof. Philippe MARCUS (1st nomination)
- GERMANY: Prof. Bernd ISECKE (Renominated) and Prof. Günter SCHMITT (Renominated)
- GREAT BRITAIN: Mr. Donald HARROP (Renominated)
- GREECE: Prof. Panayota VASSILOU (Renominated) and Dr. Eugenia SYMNIOTIS (1st nomination)
- HUNGARY: Prof. Erika KALMAN (Renominated) and Dr. Judit TELEGDI (1st nomination)
- INDIA: Prof. V.S. RAJA (1st nomination)
- INDONESIA: Dr. Bambang WIDYANTO (1st nomination) and Dr. Achmad SULAIMAN (1st nomination)
- JAPAN: Prof. Tooru TSURU (Renominated)
- JORDAN: Dr. Azzam ODEH (Renominated)
- KOREA: Prof. Yong-Soo PARK (1st nomination) and Prof. Kyoo Young KIM (1st nomination)
- KUWAIT: Dr. Abdulhameed AL-HASEM (Renominated) and Dr. Khaled HABIB (1st nomination)
- LATVIA: Prof. Ingrid VITINA (1st nomination)
- LITHUANIA: Prof. Eimutis JUZELIUNAS (Renominated)
- NEW ZEALAND: Dr. John DUNCAN (Renominated) and Mr. Willie MANDENO (Renominated)
- NORWAY: Dr. John BERGET (1st nomination) and Dr. Egil GULDBRANDSEN (1st nomination)
- PANAMA: Dr. Agnes FOTI (Renominated) and Dr. Juan JAEN (Renominated)
- PERU: Ing. Guillermo SALAS (Renominated)
- PHILIPPINES: Ing. Raul SABULARSE (1st nomination) and Mr. Nelson AGUILA (1st nomination)
- PORTUGAL: Dr. Teresa DIAMANTINO (1st nomination)
- ROMANIA: Dr. Mihai POPA (Renominated) and Dr. Alexandra BANU (Renominated)
- SAUDI ARABIA: Dr. Eba AL-ADEL (Renominated)
- SINGAPORE: Dr. Dan BLACKWOOD (Renominated)
- SOUTH AFRICA: Prof. Louis PRETORIUS (1st nomination)
- SPAIN: Prof. Manuel MORCILLO (Renominated)
- SWEDEN: Prof. Christofer LEYGRAF (Renominated) and Dr. Rachel PETTERSSON (1st nomination)
- SWITZERLAND: Dr. Patrik SCHUMTZ (1st nomination) and Dr. Stefano MISCHLER (1st nomination). We are waiting the nomination from the appointing body.
- TAIWAN: Prof. Wen-Ta TSAI (Renominated) and Prof. Her-Hsiong HUANG (1st nomination)
- THAILAND: Dr. Nongluk PANKURDEE (1st nomination) and Dr. Sutipom CHEWASATN (1st nomination)

- TURKEY: Dr. Semra BILGIC (Renominated) and Prof. Gözen BERKET (Renominated)
- UKRAINE: Prof. Felix DANILOV (Renominated) and Prof. Vasyl POKHMURSKII (Renominated)
- URUGUAY: Prof. Susana RIVERO (Renominated) and Prof. Veronica DIAZ (1st nomination)
- VENEZUELA: Prof. Oladis TROCONIS (Renominated)
- VIETNAM: Dr. San Pham TRUNG (1st nomination) and Dr. Nguyen Nhi TRU (1st nomination)

One copy of the updated (sept. 15, 2008) membership ICC database was circulated in order to check and note any change in their personal details, address, contact numbers, etc

3. Approval of agenda

The agenda is approved.

4. Approval of the minutes of the Council meetings held at the 16th ICC in Beijing

The minutes are on the ICC website (<http://icc-net.org>). The minutes are approved.

5. Collection of ballots for the election for first and second vice-chairpersons of ICC for 2008 to 2011.

The ballots are collected. Three tellers are designated.

6. Overview of the coming 17th ICC congress, by the local organising committee

On October 5, the attendance is about 280 and more are expected to register during the congress. The CD with the proceedings will not be available at the congress and will be sent immediately after. The organising committee feels the scientific level is very good.

Visas were delayed or refused to at least five *bona fide* applicants. The Executive Committee proposes that this be mentioned in the opening ceremony and appear on the ICC website. The EC also requires that the proceedings be sent free to those applicants and that their presentations be made by the session chairman or by a member of the Executive Committee. The members of the Council and the Organising Committee agree on these proposals.

The chairman asks to be informed of all other applicants who applied for a visas in due time and did not receive one.

7. ICC activity report :

The efforts and achievements of ICC in terms of international cooperation

- Thanks to the generosity of the GAMRY company and on the recommendation of ICC, two sets of electrochemical instruments were donated to research teams (one in the Philippines and the other in Egypt) that demonstrated their motivation and involvement in

corrosion studies and that have little financial resources. ICC expresses its gratitude to Pete Peterson (GAMRY) for making this action possible.

- ICC is offering two awards of maximum 1.000 euro to help young researchers to attend ICC congresses. Only one valid application was received for Las Vegas, and was granted.
- ICC provided a financial assistance to a limited numbers of authors from countries with a difficult economy to contribute to a special session at the 17th ICC on « Global approach to current and future corrosion problems worldwide » (see our Newsletter nr.9). Support was granted to four applicants. Unfortunately, one could finally not attend.
- At the last Council meeting in Beijing, it was proposed that ICC members who feel that their government is not aware enough of corrosion problems and prevention should contact the ICC chairman for help, for example through an official letter from ICC with arguments and proposals, with indication of the local expertise resources. Such an action was initiated with Indonesia, but more refinements appear necessary before final implementation.
- ICC members are encouraged to use ICC and the international corrosion community to exchange young corrosion researchers, to exchange all types of scientific and technical information and to provide, when possible, second-hand or less recent instrumentation etc.

The representation of all countries within ICC

- All countries should be represented at ICC. The role of ICC members is not just to vote for the next congress venue : they should have a detailed knowledge of the corrosion scene in their own country : local problems, sources of information and expertise, resources, major needs (equipment, people, information...) etc. To achieve this, it is recommended that the two members of a given country belong to two different organisations.
- Manuel Morcillo has updated the list on the website and also in directory, with biographical data and photographs.

The 17th ICC congress

- ICC organises a joint ICC/WCO session at this 17th ICC congress on « Global approach to current and future corrosion problems worldwide », under the auspices of ICC. The intention is to describe some specific aspects of corrosion prevention in low economy countries with the hope that international programmes will contribute to reduce the gap between rich and poor countries.

8. ICC financial report

The income comes essentially from the levy of the ICC congress. The expenses are limited to the travel costs of the secretary-treasurer for the meetings of the Executive Committee and to the awards (one young researcher travel award and four awards for the ICC/WCO special session).

The financial report shows a small increase of the credits of ICC since before the 16th congress in Beijing.

It is expected that the income from the 17th congress in 2008 will be lower than for the 16th congress. Some expenses for the transfer of the webmaster are foreseen.

9. Presentation of bids for the venue of the 18th International Corrosion Congress

The bid from Canada was withdrawn. Each bidder is asked to answer questions from the Council on delivery of visas, costs, accommodation, dates, expected number of participants etc.

Presentations were made for :

- Australia (Perth), by the Australasian Corrosion Association
- Hungary (Budapest), by the Hungarian Corrosion Society HUNKOR
- Indonesia (Bali), by the Indonesian Corrosion Association INDOCOR

Colombia (the Asociación Colombiana de Ingenieros de Corrosion) introduced a valid bid, but nobody was at the meeting to present details. The vote on October 7 will however consider this bid as well.

10. Collaboration with the World Corrosion Organisation WCO

Since the last ICC congress in Beijing, a World Corrosion Organisation WCO was installed. The goals announced by WCO are:

- raise public awareness on corrosion and corrosion control
- identify world best practises in corrosion management
- facilitate the provision of corrosion control expertise to governments, industries and communities
- normalise corrosion related standard worldwide.

Some of these goals overlap with those of ICC.

The Executive Committee of ICC examined the ICC/WCO relationship in detail and considers that each have their own specificities. One specificity of ICC is to promote cooperation and friendship among corrosionists all over the world and to foster the exchange of results and experience. Another one is to insist on cooperation with countries with difficult economy to decrease their dependence on rich countries.

ICC invited WCO to actively contribute to a session organised by ICC at the 17th congress on “Global approach to current and future corrosion problems worldwide”, where such issues will be addressed. The members of the Council support these views and actions.

11. ICC Awards

One young researcher travel awards was awarded to a young researcher from Tbilissi, Georgia. The 2008 « Marcel Pourbaix award for promotion of international collaboration » will be presented at the conference dinner to Dr. Vladimir Kucera, for the international cooperation he set on atmospheric corrosion projects, to which he associated researchers from a large number of countries all over the world, and for his efforts and successes in reducing the SO₂ pollution levels, for the benefit of the society.

12. Results of the election of vice-chairpersons

Manuel Morcillo (Spain) becomes first vice-chairman and Carlos Arroyave (Colombia) becomes second vice-chairman.

13. Designation of a secretary- treasurer for the period 2008 to 2014

Patrik Schmuki, who skilfully served for more than 7 years, wants to be discharged. The new secretary-treasurer is Daniel de la Fuente (Spain), for two periods of 3 years. The Council approves.

The website of ICC must be improved, with more informations and a better visibility and access. The website should also be adapted to serve as a mean of communication between members of ICC and with the Executive Committee.

14. Other business

Suggestions are made that ICC sponsors meetings organised in different countries and that ICC works to increase interest for the studies in Materials Science and Corrosion, and also to introduce corrosion courses or conferences in other disciplines (architecture, mechanical engineering etc.).

SECOND MEETING

Las Vegas, Tuesday October 7, 5.30 to 6 .30 pm

1. List of attendance (ANNEX 2)

Members of the Council : 30

Proxies : 8

Guests : 6

2. Vote on the venue of the 18th ICC congress in 2011

A two-turns vote gives a majority of votes for Perth, Australia for the 18th ICC congress in 2011. The other bidders are thanked for their excellent presentations, and Australia is congratulated for its success. The Colombians members attending the meeting commented that they have received an email from Prof. Carlos Arroyave who apologized to be absent in the Congress to bid the candidature of Colombia

The EC asks the organisers of the 18th ICC to maintain a better contact with ICC and to prepare earlier than was the case in 2008 and to closely follow the ICC rules on calendar, exchanges of projects etc.

3. ICC membership

- The situation after Beijing Congress (2005) was the following:
 - The list was not updated from long time.
 - Many Appointing Bodies were unknown.
 - The e-mails were known only from a limited number of members.
 - The figures were:
 - Countries: 70
 - Members: 129, However only in 58 of them the status was valid. For the rest the membership period had been expired.
- A great effort has been made to update the ICC membership list:
 - To obtain good e-mail addresses.
 - To obtain renomination of members with the membership period expired.
 - To obtain nominations for new members.
 - To know the addresses of the Appointing Bodies.
 - Now, the figures are the following:
 - Countries: 64
 - Members: 117
- An administrative questionnaire and a biographical form were created and sent to the members for completing. With the answers obtained (67%), a Directory of ICC members has been elaborated with the photograph of the member included. As you know this Directory has been sent to all the ICC members and will be inserted in the ICC web page.
- Countries:
 - Countries which had members at the ICC, but not now because of the expiration period of the members are the following:
 - Out of the ICC from 2002: Hong-Kong, Iran, Morocco, Serbia, Sri Lanka, Zimbabwe

- Out of the ICC from 2005: Poland, Russia.
 - We have tried unsuccessfully to get nominations from these countries. Also with other countries like Slovenia, Kazakhstan and United Arab Emirates.
 - However, we have obtained nominations from new countries as Algeria and Burkina Fasso and in short time we will have nominations from Denmark and Luxembourg.
 - We must urge those countries who only had a single representative to appoint a second, as permitted by the ICC by-laws
-
- A strong call is made for all members to check the membership list and to send to the Secretary of ICC a note of any change in their personal details, address, contact numbers, etc.
 - The EC asks every member of ICC to suggest names of possible delegates for countries that are not yet represented in ICC and for countries that have only one delegate.

4. Activities of ICC

The activity report for 2005-2008 is summarized again for the members who were not present on October 5, and is approved.

The future chairman Tooru Tsuru gives an outline of his plans for the future.

ANNEX 1

COUNTRY	MEMBER	REMARKS
ARGENTINA	B. ROSALES	
AUSTRALIA	J. CRAPIGLIA	GUEST and PROXY : D.J. YOUNG/ G. WILL (AUSTRALIA) AND W. MANDENO/J. DUNCAN (NEW ZEALAND)
BELGIUM	A. POURBAIX	
BRAZIL	Z. PANOSSIAN	PROXY : L. ULLER
CHINA	W. KE	
CROATIA	I.ESIH	
EGYPT	V. GOUDA	
FINLAND	M. ARPONEN	
FINLAND	O FORSEN	
GREAT BRITAIN	S. LYON	GUEST and PROXY : G. THOMPSON AND D. HARROP
HUNGARY	J. TELEGDI	
HUNGARY	G. BARLAI	GUEST
INDIA	V.S. RAJA	
INDONESIA	B. WIDYANTO	
JAPAN	T. TSURU	
PORTUGAL	M. FERREIRA	
ROMANIA	M. V. POPA	
SPAIN	M. MORCILLO	
TAIWAN	H.H. HUANG	
USA	N. SRIDHAR	
USA	R. LATANISION	
USA	N. THOMPSON	GUEST
VENEZUELA	M. DE ROMERO	
VENEZUELA	O.T DE RINCON	

ANNEX 2

COUNTRY	MEMBER	REMARKS
ARGENTINA	B. ROSALES	
AUSTRALIA	J. CRAPIGLIA	GUEST and PROXY : D.J. YOUNG/ G. WILL (AUSTRALIA) AND W. MANDENO/J. DUNCAN (NEW ZEALAND)
AUSTRIA	G. MORI	
BELGIUM	A.POURBAIX	
BRAZIL	Z. PANOSSIAN	PROXY : L. ULLER
CANADA	J. LUO	
CHINA	Y. ZUO	
CROATIA	I.ESIH	
CZECH REPUBLIC	P. NOVÁK	
CZECH REPUBLIC	M. KOURIL	
CZECH REPUBLIC	V. CIHAL	GUEST
EGYPT	V. GOUDA	
FINLAND	M. ARPONEN	
FINLAND	O FORSEN	
GERMANY	G. SCHMITT	
GREAT BRITAIN	S. LYON	GUEST and PROXY : G. THOMPSON AND D. HARROP
GREECE	P. VASSILIOU	PROXY : SYMNIOTIS
HUNGARY	J. TELEGDI	
INDIA	V.S. RAJA	
JAPAN	T. TSURU	
KOREA	K.Y. KIM	
KUWAIT	A.AL-HASHEM	
MEXICO	F. RODRIGUEZ	
MEXICO	A.M.-VILLAFAÑE	GUEST
MEXICO	M. SÁNCHEZ PASTÉN	GUEST
MEXICO	R. CABRERA	GUEST
PHILIPPINES	N. A. AGUILA	
PORTUGAL	M. FERREIRA	
ROMANIA	A.BANU	
SPAIN	J. M. COSTA	
SPAIN	M. MORCILLO	
SWEDEN	C.LEYGRAF	
USA	N. SRIDHAR	
USA	R. LATANISION	
VENEZUELA	M. DE ROMERO	
VENEZUELA	O.T DE RINCON	



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ANNEX 4

INTERNATIONAL CORROSION COUNCIL (ICC) **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	To be confirmed: 2011	2017
	B.M. Rosales	2008	2014
Australia	G. Will	2008	2014
	D. Young	2008	2014
Austria	G. Hochortler	2008	2014
	G. Mori	2008	2014
Belgium	A. Pourbaix	2008	2014
	H. Terryn	To be confirmed: 2011	2017
Bolivia	J.C Montenegro	2008	2014
	J.A Rocha	2008	2014
Brazil	L. Uller	2005	2011
	Z. Panossian	2008	2014
Bulgaria	R. Raicheff		2011
Burkina Faso	L. Bonou	2008	2014
Canada	B. Mac Dougall	2005	2011
	J. Luo	2005	2011
Chile	R. Araya	2008	2014
	A. Pagliero	2008	2014
China	Y. Zuo	To be confirmed: 2011	2017
	X. Li	To be confirmed: 2011	2017
Colombia	C. Arroyave	To be confirmed: 2011	2017
Costa Rica	G. Pridybailo	2008	2014
	J.F. Alvarez		2011

Immediate Past Chairman: Prof. Antoine Pourbaix
 First Vice Chairman: Dr. Manuel Morcillo
 Second Vice Chairman: Carlos Arroyave
 Secretary: Dr. Daniel de la Fuente

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morcillo@cenim.csic.es
carlosenrique.arroyave@gmail.com
delafuente@cenim.csic.es

Country	Member	Confirmed	End of current term
Croatia	D. Rajhenbah	To be confirmed: 2011	2017
	I. Esih	2005	2011
Cuba	F. Corvo	2008	2014
	A. Cabezas	2008	2014
Czech Republic	P. Novak	2008	2014
	M. Kouril	2008	2014
Ecuador	A.F. Rigail-Cedeño	2008	2014
	J. Peña	2008	2014
Egypt	V.K. Gouda	2008	2014
	W. Badawy		2008
Finland	M. Arponen	2008	2014
	O. Forsen	2008	2014
France	P. Marcus	2008	2014
	D. Feron	2008	2014
Germany	B. Isecke	2008	2014
	G. Schmitt	2008	2014
Great Britain	A. Harrop	2008	2014
	G.E. Thompson	To be confirmed: 2011	2017
Greece	D. Symniotis	2008	2014
	P. Vassiliou	2008	2014
Hungary	J. Telegdi	2008	2014
Iceland	R.I. Thorarinsdottir	2005	2011
India	V.S. Raja	2008	2014
Indonesia	B. Widianto	2008	2014
	A. Sulaiman	2008	2014
Israel	E. Sutskover	2005	2011
	Y. Ein-Eli	2005	2011
Italy	M. Cabrini	To be confirmed: 2011	2017
	E. Angelini	To be confirmed: 2011	2017
Japan	S. Ito	2002	2008
	T. Tsuru	2008	2014
Jordan	F.M. Saeed	To be confirmed: 2011	2017
	A. Odeh	2008	2014
Korea	K.Y. Kim	2008	2014
	Y.S. Park	2008	2014
Kuwait	K.J.M. Habib	2008	2014
	A. Al-Hashem	2008	2014
Latvia	I. Vitina	2008	2014

Country	Member	Confirmed	End of current term
Libya	M.F. Eltaira	2005	2011
	A. A. Elbasir	2002	2008
Lithuania	E. Juzeliunas	2008	2014
Mexico	G. Zavala	2005	2011
	F.J. Rodríguez-Gómez	2005	2011
Netherlands	G.H. Nijhof		2008
	J.H.W. de Wit		2008
New Zealand	J. Duncan	2008	2014
	W.L. Mandeno	2008	2014
Nigeria	S. Okata	To be confirmed: 2011	2017
	G.E. Ibe	To be confirmed: 2011	2017
Norway	J. Berget	2008	2014
	E. Gulbrandsen	2008	2014
Pakistan	I. H. Khan		2008
Panama	J. Jaén	2008	2014
	A. Foti de Bósquez	2008	2014
Peru	I. Díaz Tang		2008
	G.J. Salas	2008	2014
Philippines	N.A. Aguila	2008	2014
	R.C. Sabularse	2008	2014
Portugal	M.G.S Ferreira	To be confirmed: 2011	2017
	T.C. Diamantino	2008	2014
Romania	A. Banu	2008	2014
	M.V. Popa	2008	2014
Saudi Arabia	I. F. Al-Adel	2008	2014
Singapore	D. J. Blackwood	2008	2014
	J. Qiu	To be confirmed: 2011	2017
South Africa	L. Pretorius	2008	2014
Spain	M. Morcillo	2008	2014
	C. Müller	To be confirmed: 2011	2017
Sweden	R. Pettersson	2008	2014
	C. Leygraf	2008	2014
Switzerland	P. Schmutz	To be confirmed: 2011	2017
	S. Mischler	To be confirmed: 2011	2017
Taiwan	W.T. Tsai	2008	2014
	H. Huang	2008	2014
Thailand	S. Chewasatn	2008	2014
	N. Pankurdee	2008	2014

Country	Member	Confirmed	End of current term
Tunisia	E. Triki	To be confirmed: 2011	2017
	L. Dhoubi	To be confirmed: 2011	2017
Turkey	S. Bilgic	2008	2014
	G. Bereket	2008	2014
Ukraine	V. Pokhmurskii	2008	2014
	F. Danilov	2008	2014
Uruguay	V. Díaz Moreno	2008	2014
	S. Rivero	2008	2014
USA	R.M. Latanision	To be confirmed: 2011	2017
	G. Frankel	To be confirmed: 2011	2017
Venezuela	M. Fernández Romero	To be confirmed: 2011	2017
	O.T. de Rincón	2008	2014
Vietnam	N. Duc Hung	To be confirmed: 2011	2017
	N. Nhi Tru	To be confirmed: 2011	2017



Chairman: Prof. Tooru Tsuru
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ANNEX 5

VOTING PROCEDURES FOR THE ELECTION OF ICC VICE-CHAIRMAN FOR THE PERIOD 2011-2014

On order for the ballot (form enclosed) to be valid, the order of preference for the two candidates listed must be indicated, making the candidate with the highest preference with number "1" and the second with "2". Only votes from ICC members confirmed by the Council are valid.

Voting could be done at this time by one of the following three procedures:

- a) **By ordinary mail**: Enclose the ballot in an envelope marked "Ballot envelope" (as enclosed) and then introduce it in an "ballot return-address" (also as enclosed) 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 the Council meeting in Perth on November 22nd, 2011.

- b) **Personally or by a valid appointed proxy (Annex 2)**, during the Council meetings of ICC in Perth.
- c) **By e-mail**: As proposed in the letter on May 5th 2011 (no against comments were received in the Secretary), sending the ballot paper by email to the Secretary-Treasurer delafuente@cenim.csic.es (deadline November 15th).

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 ordinary mail or directly (or by proxy) in the meeting.

At the Council meeting the ballots will be counted by three tellers. The tellers shall add up the numbered preferences for each candidate and report to the Council. The candidate with the lowest total shall be declared the first Vice-Chairman and the candidate with the highest total shall be declared second Vice-Chairman. In the event of a tie the ICC Chairman shall cast the deciding vote.



BALLOT

For the election of ICC Vice-Chairman to serve during the period 2011-2014

Please, place the order of preference, "1" and "2", in the boxes

Dr. Carlos Arroyave from Colombia, at present 2nd Vice-Chairman.

Dr. Panayota Vassiliou, from Greece

Please, do not sign the ballot

BALLOT ENVELOPE

CONTAINS BALLOT FOR THE ELECTION OF ICC VICE-CHAIRMAN TO SERVE DURING THE PERIOD 2011-2014

Signature:

Name of the ICC Council member:

BALLOT RETURN ADDRESS

Dr. Daniel de la Fuente
Secretary-Treasurer of ICC
National Centre for Metallurgical Research (CENIM)
Avda. Gregorio del Amo 8, 28040- Madrid- Spain

CURRICULUM VITAE

PROF. DR. CARLOS ENRIQUE ARROYAVE POSADA (Yarumal, Colombia, 1954).

Key words: Materials science; materials engineering; corrosion, anti-corrosion; protective coatings; materials degradation; new materials; atmospheric corrosion; paints; S&T&I management; higher education administration.

Metallurgical Engineer (University of Antioquia, 1979). M.Sc. on Metallurgical Engineering and Materials Science (Federal University of Rio de Janeiro, 1988). Ph.D. on Chemistry (Complutense University of Madrid, 1995). Guest Researcher (UMIST, Manchester, 1995), and Post-doctoral stay (Swedish Corrosion Institute, Stockholm, 2001-2002).

Professor (1979-2008), Chairman of the Metallurgical Engineering Department (1983-1986), Director of the Extension and Research Centre of the Faculty of Engineering (1990-1992), Dean of the Faculty of Engineering (2004-2007), founder (1983) and leader of the Corrosion and Protection Group, Principal's Office Adviser for Innovation (March to December of 2008) and Titular and Emeritus Professor of the University of Antioquia.

Deputy Director for Innovation and Corporate Development of the Colombian Institute for Science and Technology – COLCIENCIAS- (2007-2008).

Academic Vice-Principal of the Colombian School of Engineering (January of 2009 –February of 2010).

National Director for Research and S&T&I Vice-Principal of the Antonio Nariño University (April 2010 to date).

Teaching on Materials Engineering, Physical Chemistry, Electrochemistry, Corrosion, and S&T Management. Adviser of many undergraduate and postgraduate (master and doctoral) thesis.

Founder and Technical Adviser of "Services and Technology of Materials" (1990-1992).

Treasurer (1980-1981) and President of the Society of Metallurgical Engineers of the University of Antioquia. President of the Colombian Association of Corrosion and Protection (1997-2001). Co-ordinator of the Colombian Corrosion and Protection Technology Program (1989-1990). Co-ordinator of the Antioquia's Engineering Ph.D. Programme (1999-2001). Secretary General (2000-2003), Second Vice-President (2003-2006) and President of the Ibero-American Association of Corrosion and Protection (2006-2011). Member of the Bio-Ethics Committee of the Clinical Research Centre of Medellin, since April 2008. Second Vice-President (2008-2011) of the International Corrosion Council.

International co-ordinator of the International Network on Corrosion and Anti-Corrosion Science and Engineering Phases I (1997-1998) and II (2004-2008) of the Alfa Programme of the European Union.

Evaluator of many postgraduate thesis at several Universities, worldwide. Reviewer of the most important Colombian granting agencies, and some other international ones. Reviewer of some Colombian and international journals. Consultant on Materials Engineering.

Member of the Colombian Association for Corrosion and Protection, the Colombian Association of Corrosion Engineers (Colombian section of NACE International), the Association of Professors of the University of Antioquia, the Society of Metallurgical Engineers of the University of Antioquia, the Andean Society of Coating Technicians, the Ibero-American Association of Corrosion and Protection and Colombian Delegate to the International Corrosion Council.

Member of honorary organisation and scientific committees of various national and international conferences on corrosion and related subjects.

68 Papers

52 Reports on technological, industrial and university solutions

117 Communications

43 Invited lectures

October 10th, 2010.

CURRICULUM VITAE

PROF. DR. PANAYOTA VASSILIOU (Athens, Greece).



Institution: NATIONAL TECHNICAL UNIVERSITY OF ATHENS

Address: IROON POLYTECHNEIOU 9, 157 80 ATHENS, GREECE

INDIVIDUAL PROFILE

Selected Recent Works

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