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I. 68th RILEM Week in Brazil by the RILEM President, Prof. Mark Alexander



Dear RILEM Member

I trust our colleagues in the northern hemisphere are all back at their desks after their summer holidays. For those of us in the southern part of the world, we are emerging from winter and looking forward to the advent of summer and the promise of summer holidays. I always find the juxtaposition between northern and southern hemisphere seasons and activities interesting and stimulating, since one can at one moment be in one setting, and at another plunged into a completely different one, due to the possibilities of modern travel.

As RILEM president, I have this experience quite often.

We have just concluded a very successful 68th Annual RILEM Week in Sao Paulo, Brazil, where we were the guests of our Honorary President for 2014, Prof Vanderley John. He and his excellent team not only graciously hosted all the RILEM week activities, comprising meetings of our standing committees and several Technical Committees, but also organized the 13th DBMC Conference (Deterioration of Building Materials & Components). This attracted well over 100 participants who, together with the approximately 40 RILEM 'officers' who attended, made for interesting interchanges in the technical sessions. This practice of linking the Annual RILEM Weeks with a high quality technical or scientific conference is turning out to be very successful and mutually beneficial. We wish to record our thanks to all our Brazilian colleagues for their hospitality and for making all the arrangements.

I would like to mention two matters from the Sao Paulo event. Firstly, we had a very good DAC (Development Advisory Committee) meeting. DAC is a 'new' standing committee tasked with overseeing and promoting the development of RILEM world-wide, and is chaired by Dr. Roberto Torrent. Good discussions were held on how to promote Regional and National Groups within RILEM, and how to support the growing influence of RILEM globally. The other standing

committees (Bureau, TAC, EAC, and BoE) also met successfully and much good work was done. Secondly, we held the 1st Regional Statutory Assembly of Lat-RILEM – the Latin American Regional Group. Dr. Tulio Bittencourt was elected Lat-RILEM President, and Dr. Yury Villagrán the Secretary of the Group. With the active support of their new Presidium, we are looking forward to the further development of this Group. We also thank Dr. Luis Lima for his work over the years in Lat-RILEM.

Lastly, in late September, I had the privilege of signing International Partnership Agreements with the Korean Concrete Institute in Seoul, and with the Indian Concrete Institute in Mumbai. Both organizations have well over 10 000 members and are very active in their respective countries, facing up to the challenges of concrete construction. It was clear that RILEM has a high reputation in these areas and we are very pleased to enter into formal agreements for the mutual benefit of construction. Further details on these two events will be given on the RILEM Webpage.

I am extremely grateful to all our RILEM officers and colleagues, as well as our SG Mme Pascale Ducornet and her staff, for their hard work and commitment to the association.

Mark Alexander, *RILEM President*

II. Reports from the Standing Committees, meeting in São Paulo, 1-2 September 2014

A) DAC meeting on Monday 1st and Tuesday 2nd, September 2014

Michael Khrapko has been appointed the Regional Convener of Oceania. He is focusing primarily on the 'big' countries of this region. He is in contact with the New Zealand Concrete Institution.

Kamal Khayat has been appointed as Regional Convener for North America.

Manfred Partl, Regional Convener for Europe, is working to have more links with Industry.

Manu Santhanam, Regional Convener for Middle East, North Africa and South Asia has started a focus on Middle East.

B) EAC Meeting on 1st September 2014

Doug Hooton has been appointed by the Bureau as new EAC Chair. Ole Jensen and Konstantin Kovler resigned as EAC Chair and EAC Secretary. Ole Jensen will continue to serve as outgoing Chair for the next period.

C) TAC meeting on Monday 1st and Tuesday 2nd, September 2014

One new technical committee has been created during the 68th RILEM week in Sao Paulo, Brazil:

- TC RSC on Recommendations for use of superabsorbent polymers in concrete construction, chaired by Viktor Mechtcherine, Cluster A.

The TC SCI Characteristics of the steel/concrete interface and their effect on initiation of chloride-induced reinforcement corrosion proposed by Ueli Angst was not approved by TAC in Sao Paulo, but the revised version has been approved by TAC at the end of September 2014. It will be ratified by Bureau, in March 2015, during the Spring meetings. It has been suggested to the TC Chair to start the activity now.

All RILEM members interested to actively contribute to the work of these newly created committees are requested to contact the RILEM secretariat. Further, any RILEM member may propose the formation of a new technical committee, on the required Form (TAC-N10 Proposal for a new RILEM Technical Committee). 34 technical committees are currently active. A complete list

of all active RILEM technical committees can be found on the RILEM website:
<http://www.rilem.net/gene/main.php?base=600024>

3 Technical Committees receiving their numbers:

- 251-SRT chaired by Véronique Baroghel-Bouny
- 252-CMB chaired by Nicole Kringos
- 253-MCI chaired by Alexandra Bertron

III. Upcoming RILEM Week

- **69th RILEM Annual Week 2015 in Melbourne, Australia**

Please have a look at www.RILEM2015.com
and www.concrete2015.com

IV. Lecture of Alexandra Bertron, 2014 Robert L'Hermite Medalist

The Robert L'Hermite Medal is awarded each year to an author of less than 40 years for written contributions of outstanding quality in the RILEM journal Materials and Structure and others scientific journals.

Dr. Alexandra Bertron presented her very interesting lecture:

'Understanding interactions between cementitious materials, microorganisms and organic compounds: a key to sustainable and safe concrete structures in various contexts' on 5 September 2014 in Sao Paulo.

For her presentation please have a look at the address:
www.rilem.net/gene/main.php?base=500223&id_news=85



After her lecture she received the Medal from Dr. Ravindra Gettu, TAC Chair and Member of the 2014 Jury.

V. Awarding the RILEM Fellow diploma to Klaas van Breugel

Created in 1993 by the General Council, the honorary title of RILEM Fellow is bestowed upon RILEM Senior members having made exceptional contributions to RILEM in their capacities as research scientist, engineer, technical leader or educator.

During the General Council in Sao Paulo, Prof. van Breugel has been nominated as RILEM Fellow, in recognition of his exceptional scientific contribution to RILEM's work.

He is currently the Chair of the Technical Committee 244-NUM on *Numerical modeling of cement-based materials*.

Prof. van Breugel is also an active member of the standing Committee EAC (Educational Activities Committee) and RILEM Titular Member of the TU Delft.



Professor Mark Alexander, RILEM President, gives the Fellow diploma to Professor Klaas van Breugel

VI. RILEM channel

In the air where the social networks and Web 2.0 are key words and in a constant view of visibility, dynamism and modernity, RILEM has laid down a challenge for itself by launching its own YouTube channel!

From now you can access it at the address:

<http://www.youtube.com/RILEMChannel>

You will find a multitude of promotional videos of the association via different testimonies of researchers/persons playing an essential role within RILEM, including the interview of the Robert L'Hermite medalists 2013, John Provis, and 2014, Alexandra Bertron, who thanks to their investment and their advanced research works have obtained this recognised award duly deserved!

This channel is just at its starting point and other information will enhance it gradually!

So, you have just to click now! Enjoy this channel discovery!

VII. Welcome to our new RILEM members

3 CORPORATE Members:

Dr. Eric GIANNINI, University of Alabama, UNITED STATES

Prof. Zoran GRDIC, DIMK Sbjje, SERBIA

Dr. Jean HERISSON, Kerneos, FRANCE

36 SENIOR Members:

Dr. Ninel ALVER, Ege University, TURKEY

Mr. Francesco AMBERG, Lombardi Engineering Ltd., ITALY

Mr. Anthony F. BENTIVEGNA, CTL Group, UNITED STATES

Dr. Benjamin ERABLE, Laboratoire de Génie Chimique, FRANCE

Dr. John FRACZEK, Wiss Janney Elstner Associates Inc, UNITED STATES

Dr. Philippe GROSSEAU, ENSMSE, FRANCE

Prof. Laurence JACOBS, Georgia Institute of Technology, UNITED STATES

Dr. Johannes KIRNBAUER, Vienna University of Technology - Building Materials, AUSTRIA

Dr. Stefan KRISPEL, Smart Minerals GmbH, AUSTRIA

Prof. Zongjin LI, HKUST, HONG KONG

Dr. Christine LORS, Ecole Nationale Supérieure des Mines de Douai, FRANCE

Prof. Dr. Duyou LU, Nanjing University of Technology, PEOPLE'S REPUBLIC OF CHINA

Prof. José Fernando MARTIRENA HERNANDEZ, Universidad Central de la Villas, CIDEM, CUBA

Mme Bérénice MOREAU, CETU, FRANCE

Dr. Sandro MORO, BASF Construction Chemicals, ITALY

Dr. Camelia M. NEGRUTIU, Technical University of Cluj-Napoca, ROMANIA

Dr. Peter Vagn NYGAARD, FORCE Technology, DENMARK

Mr. Ahmed F. OMRAN, Université de Sherbrooke, CANADA

Mr. Nebojsa ORBOVIC, Canadian Nuclear Safety Commission, CANADA
Dr. Roberto POMBO, BAUTEC S.A., ARGENTINA
Mr. Paul S. PROBETT, Incodo Limited, NEW ZEALAND
Prof. Jianmin QU, Northwestern University, UNITED STATES
Prof. Patrice RIVARD, Université de Sherbrooke, CANADA
Prof. Joao Paulo C. RODRIGUES, University of Coimbra, PORTUGAL
Prof. Salvatore RUSSO, Università IUAV di Venezia, ITALY
Mr. Mohamed SAMIR, National Research Institute, EGYPT
Dr. Leandro F. M. SANCHEZ, McGill University, CANADA
Prof. Dr. Gaurav N. SANT, University of California, Los Angeles (UCLA), UNITED STATES
Dr. Martin SCHNEIDER, Carinthia University of Applied Sciences, AUSTRALIA
Mr Ioannis P. SFIKAS, Mott MacDonald, UNITED KINGDOM
Dr. Henrik Erndahl SOERENSEN, Danish Technological Institute, DENMARK
Mme Sofie TREMBLAY, LVM Inc., CANADA
Prof. Michel VAILLANCOURT, Ecole de Technologie Supérieure, CANADA
Prof. Marjorie VALIX, The University of Sydney, AUSTRALIA
M. Gilles VERGIER, Placeo, FRANCE
Mr. Hiu-dan WONG, Public Works Central Laboratory Building, Kowloon, HONG KONG

4 AFFILIATE Members:


Dr. Christopher JONES, Sandia National Laboratories, UNITED STATES
Dr. Yuichiro KAWABATA, Port and Airport Research Institute, JAPAN
Prof. Jae Hong KIM, Ulsan National Inst. of Science and Technology, REPUBLIC OF SOUTH KOREA
Dr. Roman WENDNER, University Boku, AUSTRIA

2 STUDENT Members:

Mr Moses KILISWA, University of Cape Town, SOUTH AFRICA
Mr Jeun RICKARD, University of Edinburgh, UNITED KINGDOM

10 STAFF Members:

Dr. Hervé FRYDA, KERNEOS, FRANCE
Dr. Eric GIANNINI, University of Alabama, UNITED STATES
Prof. Jiaping LIU, Jiangsu Research Institute of Building Science, PEOPLE'S REPUBLIC OF CHINA
Sandra MANSO, Universitat Politècnica de Catalunya (UPC), SPAIN
Dr. Stéphane MULTON, LMDC INSA-UPS Génie Civil, FRANCE
Dr. Othman OMIKRINE, METALSSI IFSTTAR, FRANCE
Prof. Cédric PATAPY, LMDC, FRANCE
Mr. François SAUCIER, KERNEOS, FRANCE
Prof. Dr. Jan STOOP, University of Antwerpen, BELGIUM
Dr. Petr TEJ, Klokner Institute, CZECH REPUBLIC



International union of laboratories
and experts in construction materials,
systems and structures

For all questions concerning RILEM activities and publications, please
contact:

Mrs. Pascale DUCORNET
RILEM General Secretary
157 rue des Blains,
F-92220 Bagneux, FRANCE
E-mail: pducornet@rilem.org