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I. Editorial

Getting 70, capitalizing on a rich past with loads of ambition for the future...

Johan Vyncke, Ravindra Gettu

It is always great when a plan comes through and when investments made over many years appear to be flourishing and are well on their way of getting rewarded.

Some issues have been already for some time on the agenda of the RILEM standing committee meetings and asking for quite some attention: i.e. a move of the office to join again the premises of a titular member, fighting the backlog of papers of our ever more appealing journal M&S, starting up a new Open Access publication series, revamping the website, expanding in well targeted regions through setting up Regional RILEM Groups.....

Well it appeared at the Spring meetings in Paris that we have been able over the last months to capitalize well on the sustained work undertaken in the past under the leadership of Arnon, Peter and Mark. Clearly we have indeed been able to realize some important breakthroughs recently about which you will be able to find important details in the present newsletter.

It was in any case a pleasant meeting in Paris in the new headquarters of RILEM at avenue du Recteur Poincaré in the 16th arrondissement. A superb choice was also made by Pascale while selecting the restaurant for our RILEM dinner on the Monday evening. The restaurant “La Gare”

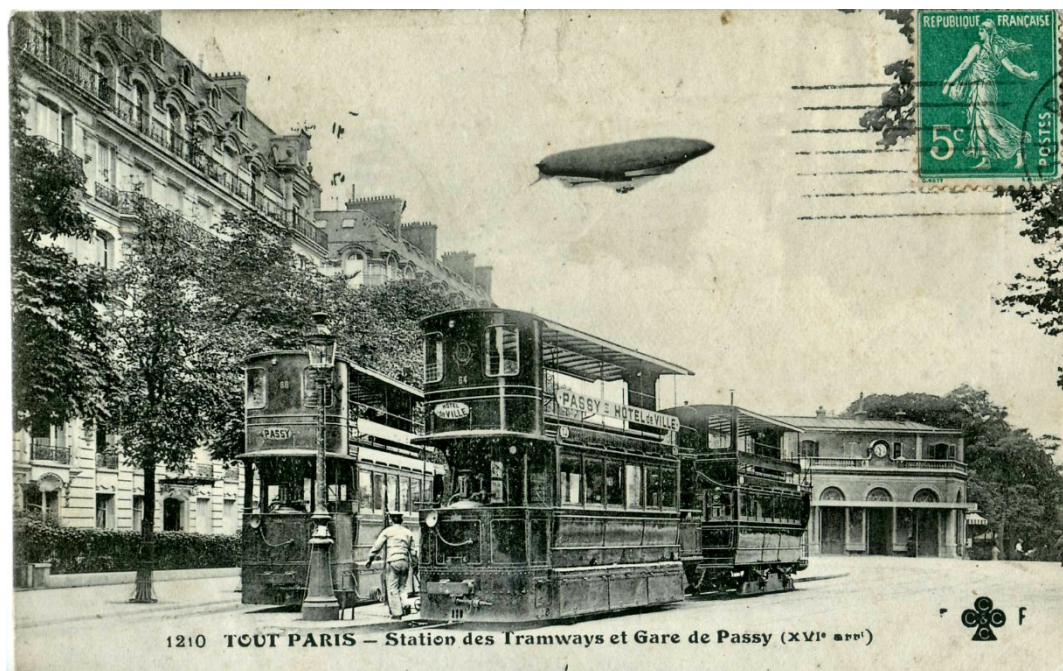
was not only the place to be to have good food but being located at the renovated metro station Gare Passy dating from 1854 a testimony of the beauty which can be bestowed on well-maintained old infrastructure.

Mixing the past with the present it was the ideal place to be able to toast on the birth of the new Open Access journal of which the first issues just had been published at <http://letters.rilem.org>. We gladly invite you to discover this new journal and to register as a future reader. As RILEM member you are also kindly invited to send in proposals for publishing for free.

But back to even more important things the progress of technical work in RILEM. Well it appeared we have been struck by a tsunami of motivation to set up new TCs... Not less than 12 proposals for new Technical Committee were filed of which 9 were endorsed and the 2 others will normally with some minor amendments be able to get approved in September.

So plenty of ambitions and new plans for the future right in the middle of RILEM's core business, that is good, new plans are what keeps us sharp and young while we are heading up to our 70th Annual Week in Copenhagen which promises to be a major event....

Looking very much forward to meeting many of you there.



Gare de Passy around 1900, presently transformed in the restaurant "La Gare"



From top, left to right:

Mark Alexander, Wolfgang Brameshuber, Geert De Schutter, Nathalie Jacobs, Ravindra Gettu, Esperanza Menendez Mendez, Barzin Mobasher, Giovanni Plizzari, Alexandra Bertron, Nicolas Roussel, Climent Molins, Viktor Mechtcherine, Irina Falikman, Johan Vyncke, Lynette Alexander, Mark Alexander, Wolfgang Brameshuber

II. Reports from the Standing Committees, Spring meetings in Paris, 7 March 2016

A) DAC meeting on Monday 7 March 2016

CIS-RILEM: The launch of the Regional CIS-RILEM group is scheduled on 22 April 2016 at Moscow State University of Design and Technology during the IAE General Assembly. IAE is an international partner of RILEM, with whom a partnership agreement was signed in 2014. In the meanwhile IAE has also become a RILEM Titular member. RILEM President **Johan Vyncke** and various RILEM Members will attend the CIS-RILEM launching ceremony.

Sub-Saharan Africa: **Hans Beushausen** worked on communication with academics and industry professionals in his region to get information on their needs and as to how RILEM can bring about positive actions. As a project, Hans will offer free membership to select individuals in return for a

commitment to engage in specific activities. He will send a list of new applicants (30-40 applications) for a free membership in May 2016.

RILEM Recommendations: DAC wishes to stress once again the importance of the RILEM Technical Committees Recommendations published in the journal Materials and Structures. The Recommendations should underline the interest for industry. Both DAC and TAC are aware of the importance to remind Technical Committees the value and need of **RILEM Recommendations**.

B) TAC meeting on Monday 7 March 2016

Nine new technical committees were approved and created following the Spring Meetings in Paris, France:

- **ASC:** Accelerated laboratory test for the assessment of the durability of materials with respect to salt crystallization (Chair : **Barbara Lubelli**)
- **CHA:** Crack-Healing of Asphalt Pavement Materials (Chair : **Hassan Baaj**)
- **CIM:** Benchmarking Chloride Ingress Models on Real-life Case Studies: Theory and Practice (Chair : **Eddie Koenders**)
- **DFC:** Digital fabrication with cement-based materials (Chair : **Nicolas Roussel**)
- **HDB:** Hygrothermal behaviour and Durability of Bio-aggregate based building materials (Chair : **Sofiane Amziane**)
- **IAM:** Damage assessment in Consideration of Repair/ Retrofit-Recovery in Concrete and Masonry Structures by Means of Innovative NDT (Chair : **Tomoki Shiotani**)
- **PIM:** Phase and Interphase behaviour of bituminous Materials (Chair : **Emmanuel Chailleux**)
- **SHE:** Self-healing concrete – Its efficiency and evaluation (Chair : **Feng Xing**)
- **TCE:** Testing and characterisation of earth-based building materials and elements (Chair : **Jean-Claude Morel**)

All RILEM members interested to actively contribute to the work of these newly created committees are requested to contact the RILEM secretariat.

Any RILEM member may propose the formation of a new technical committee using the required form (TAC-N10 which can be downloaded [here](#)). **40 technical committees** are currently active. A complete [list of all active RILEM technical committees](#) can be found on the RILEM website.

C) Robert L'Hermite and Gustavo Colonnetti Medals

TAC Chair **Nicolas Roussel** chaired the jury of the 2016 Robert L'Hermite Medal and 2016 Gustavo Colonnetti Medals (awarded for the first time). The Robert L'Hermite Medal was not awarded this year. But two medals of the new Gustavo Colonnetti Medal were awarded: one to **Susan Bernal Lopez** (University of Sheffield, United Kingdom) for her work on alkali-activation and a second one to **Ruben Snellings** (Vito, Belgium) for his work on secondary cementitious materials. They will present their respective lectures in Lyngby, Denmark during the Technical Day on Wednesday 24 August 2016.



Susan Bernal Lopez

Lecture on “Alkali-activation of slags and other materials”



Ruben Snellings

Lecture on “Assessing, Understanding and Unlocking Supplementary Cementitious Materials”

D) Materials and Structures

A second Deputy Editor in Chief was nominated and approved by the Bureau: **Laura de Lorenzis** (Technical University of Braunschweig, Germany).

New Associate Editors were also nominated and approved by the Bureau:

- **Elisa Franzoni** (University of Bologna, Italy)
- **Kefei Li** (Tsinghua University, China)
- **Guang Ye** (Ghent University, Belgium)

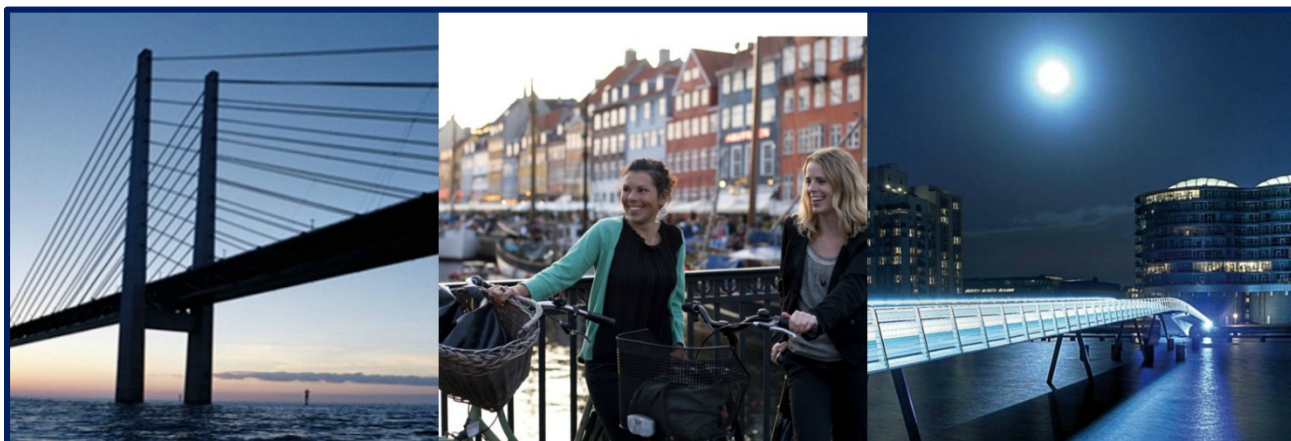
A new Managing Editor was nominated and approved by the Bureau: **Mateusz Wyrzykowski**.

III. New RILEM journal: RILEM Technical Letters



A new open access journal **RILEM Technical letters** was launched in March 2016 having **Nicolas Roussel** as first Editor in Chief. The new journal is devoted to disseminating most breakthrough and up-to-date contributions in the field of construction materials science and is published online fully supporting the Diamond Open Access format for RILEM members. The new journal can be consulted and all papers downloaded for free at: letters.rilem.net As part of their RILEM membership benefits RILEM members can publish for free in this journal.

IV. Upcoming RILEM Week



70th RILEM Annual Week 2016 in Lyngby, Denmark held in conjunction with the conference on **Materials, Systems and Structures in Civil Engineering**

21-24 August 2016

Conference 21-24 August 2016

Doctoral courses 15-19 & 25-29 August 2016

Technical tours 21 & 25 August 2016

For more information:

<http://www.conferencemanager.dk/MSSCE2016/home.html>

All RILEM Members are warmly invited to the Annual Week in Lyngby in August 2016. It is reminded that all RILEM Members present at the General Council have voting rights.

The Conference and the RILEM Annual Week will take place at the Lyngby campus, Technical University of Denmark. Invitations to the 70th RILEM Annual Week will be sent shortly to the RILEM members.

Registration for the conference is to be settled through the dedicated web page of the conference web: <https://www.conferencemanager.dk/MSSCE2016/sign-up.html> Registration for the RILEM meetings will be dealt in a separate mailing to be sent out soon.

A new aspect in the annual week is now that the conference will also be preceded by a number of doctoral courses:

- JCSS course on probabilistic methods in engineering
- Service Life of Cement-based Materials and Structures (A number of **grants** to cover the registration fee and support traveling costs are available for this course. Information can be found through: <http://www.tu1404.eu/training-schools/denmark-2016>)
- Moisture in Materials and Structures
- Concrete with Supplementary Cementitious Materials
- Clay and Shale
- BIM in Civil Engineering - focusing on open standards

A) Technical Day

The RILEM Technical Day will take place on Wednesday 24 August and will be concluded by the RILEM Dinner.

It will include the following TC presentations:

- **TC-238-SCM** Hydration and microstructure of concrete with supplementary cementitious materials, Chaired by **Nele de Belie** (confirmed)
- **TC-246-TDC** Test methods to determine durability of concrete under combined environmental actions and mechanical load, Chaired by **Yan Yao**
- **TC-248-MMB** Methods of measuring moisture in building materials and structures, Chaired by **Lars-Olof Nilsson** (confirmed)
- **TC-230-PSC** Performance-based specifications and control of concrete durability, Chaired by **Hans Beushausen**
- **TC-241-MCD** Mechanisms of Cracking and Debonding in Asphalt and Composite Pavements, Chaired by **William Buttlar**

We will also have the lectures by the two Gustavo Colonnetti Medal recipients: **Susan Bernal Lopez** on the topic *“Alkali-activation of slags and other materials”*) and **Ruben Snellings** dealing with *“Assessing, Understanding and Unlocking Supplementary Cementitious Materials”*.

B) Technical Committee Meetings

Some time slots before and after the conference are still available for technical committee meetings. We invite all TC Chairs to have a look at the attached timetable (**Annex – Draft Timetable for Lyngby**). It is not too late to book a room, which you can do via the RILEM Secretariat.

V. RILEM 2017 Spring Meetings in conjunction with ACI Spring Convention



Driving Concrete Technology
March 26-30, Marriott Detroit at the Renaissance Center
Detroit, MI
USA

Accepting the kind invitation of ACI it has been decided to organize the next Spring meetings in Detroit at the occasion of the ACI Spring convention.

A special introductory “free 1-year membership” program for educators is at present in application at ACI (<https://www.concrete.org/membership/becomeamember.aspx?PromoCode=Educator>). Anyone who is an academic could sign up for it in the next few months and still have an active ACI membership at the time of the spring convention next year. RILEM members who will be attending

the ACI convention will anyhow be given a 15% discount off the early non-ACI member weekly and daily registration price. A registration code will be sent shortly before on-line registration opens.

VI. RILEM Fellows

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.

“Exceptional contributions to the work of RILEM” is taken to include:

- Scientific contributions, such as high quality publications, contributions to STAR and other RILEM reports, playing, or having played, a leading scientific role in RILEM TCs, and the like
- Developmental contributions, such as work in RILEM Standing Committees, Regional Groups, promotion of RILEM, and the like
- Educational contributions such as RILEM educational courses, organisation of RILEM workshops and conferences, and the like

Each **RILEM member** (with the exception of members who have a temporary free membership) is entitled to nominate Please send your suggestions to pducornet@rilem.org before **15 May 2016**. The nominations will then be considered by the Bureau.

You can find a list of RILEM Fellows on the [website](#).

VII. RILEM News Flashes

- Reminder! The RILEM General Secretariat moved to the **new offices**, 4 Avenue du Recteur Poincaré, 75016 Paris, France in January 2016. Our new contact details are indicated below. Feel free to bump in if you are in the neighbourhood:

RILEM
4 avenue du Recteur Poincaré
75016 Paris
France
Tel : + 33.1.4224.6446
Fax : + 33.9.7029.5120

- New **Proceedings and unedited STARS** are available on the website:
- Proceedings of III Progress of Recycling in the Built Environment, PRO101
 - Proceedings of the Seventh International RILEM Workshop on High Performance Fiber Reinforced Cement Composites (HPFRCC7), PRO094
 - Proceedings of the RILEM International Symposium on Concrete Modelling - CONMOD 2014, PRO091
 - Proceedings of Concrete 2015, 31 August - 2 September 2015, Melbourne, Australia
 - Unedited version of the Petrographic Atlas - Characterisation of Aggregates Regarding Potential Reactivity to Alkalis - RILEM 219-ACS AAR-1.2

Follow us on social media to get the information in real time!



VIII. Welcome to our new RILEM members

RILEM is very pleased to welcome all the new members indicated below. We look forward to a long and fruitful association with our new members!

16 SENIOR Members:

Dr. Mohammed ABDUR RAHMAN, B.S. Abdur Rahman University School of Infrastructure, INDIA
Dr. Xavier CARBONNEAU, COLAS CST, FRANCE
Dr. Maria CRIADO, University of Sheffield, UNITED KINGDOM
Dr. Frédéric DELFOSSE, EUROVIA, FRANCE
Mr. Walter E. DENZEL, DNS-Denzel, GERMANY
Prof. Paulina FARIA NOVA, University of Lisbon, PORTUGAL
Dr. Gholamreza FATHIFAZL, National Research Council of Canada, Ottawa, CANADA
Prof. Edgardo IRASSAR, Universidad Nacional del Centro de la provincia de Buenos Aires, ARGENTINA
Prof. José MARTI-VARGAS, Universitat Politècnica de Valencia, SPAIN
Prof. Jean-Claude MOREL, Coventry University, UNITED KINGDOM
Dr. Bertrand POUTEAU, EUROVIA Management Centre de Recherche, FRANCE
Prof. Surinder P. SINGH, Dr B R Ambedkar National Institute of Technology (NITJ), INDIA
Prof. Visalakshi TALAKOKULA, ABES Engineering College Campus, INDIA
Prof. Francesca TITTARELLI, Polytechnic University of Marche, ITALY
Dr. Emilia VASANELLI, National Research Council, ITALY
Prof. Enric VAZQUEZ RAMONICH, Constructing Cycle SL, SPAIN

2 AFFILIATE Members:

Dr. Sara ANASTASIO, Norwegian University of Science and Technology, NORWAY
Dr. Yuqing ZHANG, Aston University, UNITED KINGDOM

17 STAFF Members:

Prof. Arstanbek ASANOV, Engineering Academy of Kirghizstan Republic, KYRGYZSTAN
Prof. Vyacheslav BABITSKIY, Belarussian National Technical University (BNTU), BELARUS
Prof. Eduard BATSIANOUSKY, Belarussian National Technical University (BNTU), BELARUS
Prof. Galstyan GAGIK, National University of Architecture and Construction of Armenia, ARMENIA
Mr. Erwan HAMARD, IFSTTAR Nantes, FRANCE
Prof. Ole Mejlhede JENSEN, Technical University of Denmark, DENMARK
Ms Aneeta Mary JOSEPH, Ghent University, BELGIUM
Dr. Jerneja KOLSEK, ZAG, SLOVENIA

Prof. Merab LORDKIPANIDZE, Union "Science and Energetics", GEORGIA
Prof. Abdyrakhman MAVLYANOV, Engineering Academy of Kirghizstan Republic,
KYRGYZSTAN
Mr. Tanawat MEESAK, Faculty of Engineering Kasetsart University, THAILAND
Dr. Sergey MINASYAN, Engineering Academy of Armenia, ARMENIA
Prof. Nadia SAIYOURI, Université Bordeaux, FRANCE
Mr. Laurent STEGER, LMDC INSA - UPS Génie Civil, FRANCE
Dr. Suvimol SUJJAVANICH, Faculty of Engineering Kasetsart University, THAILAND
Dr. Manuel TORRES CARRASCO, Eduardo Torroja Inst for Construction Sciences (CSIC),
SPAIN
Dr. Chakrapan TUAHTA, Faculty of Engineering Kasetsart University, THAILAND
Dr. Wanchai YODSUDJAI, Faculty of Engineering Kasetsart University, THAILAND



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
4 avenue du Recteur Poincaré
75016 Paris FRANCE
E-mail: pducornet@rilem.org

DATE	MSSCE2016	RILEM WEEK	
Sunday 21/08/2016		8:30-11:00 The Educational Activities Committee (EAC)	
		11:30-12:30 The Board of Editors (BOE)	
	13:30-16:30 Technical tour to Open Air Museum	13:30-17:00 The Development Advisory Committee (DAC)	13:30-17:00 The Technical Activities Committee (TAC)
	17:00-19:00 Official MSSCE2016 conference and RILEM week opening		
	19:00-20:00 Conference reception buffet		
Monday 22/08/2016	8:30-17:00 MSSCE2016 sessions	08:30-12:30 The Development Advisory Committee (DAC)	08:30-12:30 The Technical Activities Committee (TAC)
		13:30-15:00 (DEV)	
		15:30-17:00 The Bureau BUR (1)	
	18:00-19:00 Pancake reception at the Copenhagen City Hall		
Tuesday 23/08/2016	8:30-17:00 MSSCE2016 sessions	8:30-17:30 The Bureau BUR (2)	
	17:30-22:00 Conference Dinner		
Wednesday 24/08/2016	8:30-17:00 MSSCE2016 sessions	8:30-15:00 RILEM Technical Day including 2 Gustavo Colonnetti Medalists lectures	
		15:30-17:00 General Council (GC)	
		17:30-20:00 RILEM Dinner	
Thursday 25/08/2016			
	12:30-22:30 Technical tour to Stevns Cliffs and Roskilde Cathedral		