Workshop and TC meeting

The Final Workshop of the RILEM TC-251 Sulfate Resistance Testing of RILEM is one of the main events of the TC dealing with various aspects of external sulfate attack in concrete structures and test methods. The Workshop will give opportunity to exchange experiences and researches on concrete structures affected by external sulfate attack. It will give a platform for discussion on test methods to evaluate the resistance of concrete exposed to external sulfate attack. The objectives of this Workshop is to promote technical discussion, debate of ideas and social relations.

The 10th (wrap up) meeting of TC-251-SRT will be held on the afternoon of the 25th of May 2018 at the end of the Workshop.

Important Dates

- 20 January 2018: Deadline for Abstracts
- 30 January 2018: Acceptance Notification of Abstracts
- 28 February 2018: Submission of Draft Paper
- 15 March 2018: Comments on Draft Papers to Authors
- 30 March 2018: Submission of Final Papers

Co-Chairs:

Esperanza Menéndez (Secretary of TC-251-SRT)
Veronique Baroghel-Bouny (Chair of TC-251-SRT)
Workshop themes

Mechanisms of alteration in external sulfate attack
• New and original aspects of mechanisms in ESA
• Influence of thermodynamic and kinetics aspects
• Interaction between ESA and other actions (e.g. exposure to sea water)

Field concrete aspects of external sulfate attack
• Damages observed in real structures
• Parameters that affect the attack
• Relationship between degradation and effects on the structures
• The role of the environmental conditions in the type and level of damage

Testing to prevent the external sulfate attack
• New approaches in test methods to evaluate ESA
• Role of various test parameters in the degradation & test criteria to evaluate the degradation
• Limitations of test methods
• New studies linking test methods and field cases

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Ana MLADENOVIC
Andreas LEEMANN
Antonio PRINCIGALLO
Caijun SHI
Carmen ANDRADE
Chiara FERRARIS
Claudio ZEGA
Doug HOOTON
Eric BROUARD
Esperanza MENÉNDEZ
Fabrizio MORO
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Othman OMICKRINE-METALSSI
Reiner HAERDTL
Véronique BAROGHEL-BOUNY
Yogarajah ELAKNESWARAN
Yuri Andres VILLAGRAN ZACCARDI

Proceedings of the Workshop will be published by RILEM

Venue
Institute Eduardo Torroja of Construction Science (CSIC)
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Registration
Workshop website: http://tesa2018.ietcc.csic.es

Workshop registration fee (in Euro) include proceedings, lunch of 24th and 25th of May, coffees served during the workshop.

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