



**Final Workshop of RILEM TC-251-SRT**

# **External Sulfate Attack. Field Aspects and Lab Tests**

**24 and 25 of May, 2018  
IETcc-CSIC – Madrid, SPAIN**

## ***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 10<sup>th</sup> (wrap up) meeting of TC-251-SRT will be held on the afternoon of the 25<sup>th</sup> 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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Proceedings of the Workshop will be published by RILEM

## Venue

### Institute Eduardo Torroja of Construction Science (CSIC)

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<http://www.ietcc.csic.es>

## Workshop Secretary

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## Registration

Workshop website: <http://tesa2018.ietcc.csic.es>

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

	Before 30th March 2018	After 30th March 2018
Full fee	250	300
Students	90	120