



## Special Issue

### **Modelling of Early Age Cracking Risks and Serviceability of Concrete Structures**

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#### **Message from the Guest Editors**

Dear Colleagues,

The present Special Issue intends to explore new directions in the field of modelling of behavior of cement-based materials (CBM). The issue focuses on, but is not limited to, the numerical simulation of material/structural behavior, both at early age and during the service life. The basis of this Special Issue comes from selected papers of the 2<sup>nd</sup> International RILEM/COST Conference on Early Age Cracking and Serviceability in Cement-based Materials and Structures EAC-02, 12–14 September, 2017, in Brussels, Belgium.

Topics of interest (among others):

- Microstructural modelling
- Multiscale modelling
- Macroscopic modelling
- Probabilistic modelling
- Durability and Transport modelling
- Benchmarking calculations
- Experience gained so far in the benchmarking activities
- Chemo-mechanical modelling
- Crack propagation under stress
- Thermo-mechanical modelling
- Development of alkali–silica reaction and carbonation
- Modelling for non-destructive testing

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publication is undertaken in 8 days (median values for papers published in this journal in 2016).



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