

# SMARTINCS Open Research Workshop

## May 3<sup>rd</sup>, 2021 (13.00-17.15 CEST)

### Online

Organized by  
SMARTINCS Project Coordinator  
Ghent University

Register via [smartincs.eu](https://smartincs.eu)

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We are pleased to announce the first workshop of SMARTINCS! The workshop will take place online on the 3<sup>rd</sup> of May 2021 and is organized by the project coordinator Ghent University. Experts in self-healing concrete will give presentations on the different self-healing agents, how they are tested, what their influence is on the durability, and in which practical applications they can be used. Also the vision of the RM4L project, the ReSHEALience project and the COST Action SARCOS will be presented. This first workshop also has the aim to present SMARTINCS to the international self-healing community and interested stakeholders. To this end, SMARTINCS early-stage researchers will present the different research goals of the consortium, as well as their initial results.

Interested to join?

Do not hesitate and subscribe yourself for this free workshop via the SMARTINCS website: [smartincs.eu](https://smartincs.eu)

An email will be sent before the start of the event to all participants, with the link to join the event.

## Programme

*All times are in CEST.*

13.00-13.10	Nele De Belie <i>Ghent University</i>	Welcome and intro to SMARTINCS & RILEM
13.10-13.35	Nele De Belie <i>Ghent University</i>	Comparison of different self-healing mechanisms: bacteria, SAPs, and macro-encapsulated polymers
13.35-14.00	Claire Riordan <sup>1</sup> Sina Sayadi Moghadam <sup>2</sup> <sup>1</sup> SMARTINCS, Micropore <sup>2</sup> SMARTINCS, Cardiff University	The SMARTINCS approach to improved self-healing concrete
14.00-14.25	Marta Roig-Flores <i>Universitat Jaume I</i>	Self-healing concrete: experiences with water permeability
14.25-14.50	Gabriele Milone Priya Arul Kumar SMARTINCS, <i>Cambridge University</i>	The SMARTINCS approach to advanced (local) self-repair
14.50-15.00		Coffee break
15.00-15.25	Erik Schlangen <i>TU Delft</i>	The self-healing prospect for different practical applications
15.25-15.50	Vanessa Cappellesso Davide di Summa SMARTINCS, <i>Ghent University</i>	The SMARTINCS approach to durability, service life and sustainability
15.50-16.15	Maria Cruz Alonso <i>CSIC</i>	Effect of self-healing on the durability of concrete: a focus on reinforcement corrosion
16.15-16.40	Robert Davies <i>Cardiff University</i>	Self-healing cementitious systems: update from the RM4L project
16.40-17.05	Liberato Ferrara <i>Politecnico di Milano</i>	A multi-parameter approach to self-healing of UHPC: the vision of the ReSHEALience project and the SARCOS COST Action
17.05-17.10	Nele De Belie <i>Ghent University</i>	Summary and closure of the workshop