



It is a pleasure to invite you to the Conference on Durable Concrete for Infrastructure under Severe Conditions in the framework of the LORCENIS project from **10<sup>th</sup> to 11<sup>th</sup> of September 2019**, in Ghent, Belgium. The LORCENIS project deals with the development of **long lasting reinforced concrete** involving customized protection, repair and self-diagnosis methodologies for cost-efficient operation and service life extension.

Looking forward to welcome you in Ghent.

Prof. Nele De Belie  
Prof. Kim Van Tittelboom  
Prof. Sandra Van Vlierberghe

Co-chairs



### Registration

Registration will be possible via the website [www.lorcenis-eu.com](http://www.lorcenis-eu.com)

### Venue

Het Pand, Onderbergen 1, 9000 Ghent - Belgium

### Conference organization

Partners of LORCENIS project

### Local organizing committee

N. De Belie, K. Van Tittelboom, S. Van Vlierberghe, L. De Meyst, M. Araújo, M. Reunes, J. Mortier, C. Malfait

Questions regarding the conference can be e-mailed to [lorcenis2019@ugent.be](mailto:lorcenis2019@ugent.be).

# Durable Concrete for Infrastructure under Severe Conditions

Call for Papers

BELGIUM, Ghent  
10-11 September 2019



## Conference Topics

Smart concrete admixtures, internal curing, self-sealing, self-healing, carbon based fillers, nanofibers, nanotubes, layered double hydroxides, nano- and microcapsules, self-healing polymers for concrete

Effects of smart admixtures on fresh and hardened concrete properties

Modelling and service life prediction of concrete in extreme conditions

Durability of infrastructure in the energy sector

Durability and sustainability of tailor-made concrete in extreme conditions

- Extreme thermal gradients
- Ice impact
- Corrosion
- Freeze-thaw
- Deep-sea
- Mechanical fatigue
- Acid attack

The LORCENIS partners



## Scientific committee

Nele De Belie (UGent, BE)  
Sandra Van Vlierberghe (UGent, BE)  
Kim Van Tittelboom (UGent, BE)  
Maria Adelaide Araújo (UGent, BE)  
Els Mannekens (ChemStream, BE)  
Geert Deroover (ChemStream, BE)  
Christian Simon (Sintef, NO)  
Monika Pilz (Sintef, NO)  
Philippe Maincon (Sintef, NO)  
Harald Justnes (Sintef, NO)  
Tor Arne Hammer (Sintef, NO)  
Ole Swang (Sintef, NO)  
Costas Charitidis (NTUA, GR)  
Ioannis Kartsonakis (NTUA, GR)  
Danalia Karaxi (NTUA, GR)  
Daniel Höche (HZG, DE)  
Mário Ferreira (UAVR, PT)  
Alexandre Bastos (UAVR, PT)  
João Tedim (UAVR, PT)  
Raul Pina-Zapardiel (Acciona, ES)  
Valle Choza-Ligero (Acciona, ES)  
Jose Vera-Agullo (Acciona, ES)  
Urs Müller (CBI, SE)  
Nadia Al-Ayish (CBI, SE)  
Maria Cruz Alonso (CSIC, ES)  
Javier Puentes (CSIC, ES)  
Juan Antonio Alduncin (IK4-Cidetec, ES)  
Kjell Tore Fosså (Kvaerner, NO)  
Frederico Maia (SMT, PT)  
Emmanuel Gallucci (Sika, CH)  
Arnd Eberhardt (Sika, CH)  
Sara Irco (Dyckerhoff, DE)  
Dirk Qvaeschning (Dyckerhoff, DE)  
Peter Lundqvist (Vattenfall, SE)

## Call for abstracts

Authors willing to present a paper at the conference are kindly invited to submit a **300 word abstract** in accordance with the themes and topics before **December 20, 2018** through e-mail to [lorcenis2019@ugent.be](mailto:lorcenis2019@ugent.be). Authors of accepted abstracts are encouraged to submit a 2/4-page paper according to the format to be announced on the website.

## Important dates

<b>20 December 2018</b>	Abstract submission
<b>28 February 2019</b>	Abstract acceptance notification
<b>15 May 2019</b>	Extended abstract submission
<b>10-11 September 2019</b>	Conference
<b>15 May 2019</b>	Early bird registration