



# Bringing together the foremost concrete technology leaders worldwide

**Abstract deadline EXTENDED: 30 November 2023**



## Keynote and Debates

Let's kick off the conference with an exhilarating plenary keynote by Prof. Zdenek Bazant, diving deep into the cutting-edge insights on the vital issues of concrete shrinkage and creep.

Throughout the conference, anticipate **5 dynamic Debate-Sessions**. We've carefully curated 5 engaging topics, each featuring 2 distinguished scientists who will share their perspectives, sparking lively discussions and debates guided by our expert moderators.

**Debate 1:** Matthew D'Ambrosia vs Agnieszka Bigaj  
Creep, Shrinkage and Durability; the path from research to codes in the US and EU.



**Debate 2:** Yamei Zhang vs Pietro Lura  
Early age properties in 3D-printing and regular concrete production



**Debate 3:** Geert de Schutter vs Ye Guang  
Similarities and differences between cement based concretes and other binders



**Debate 4:** Ya Wei vs Stéphanie Staquet  
Micro-scale versus Macro-scale approach; what shall we do?



**Debate 5:** Klaas van Breugel vs Benoît Hilloulin  
Conceptual, Numerical or Machine Learning Models; What gives us better and safer structures?



Check our website for more information about the contestants.  
Concreep12.org

Issue 3, December 2023

Organized by



Main topics



- Mechanics and physics of creep
- Experimental work
- Computational modelling
- Structures, materials, atomistic scale
- New cements and binders
- Recycled and waste components
- Additive manufacturing
- Early age creep
- Rheology

## Important dates

- **EXTENDED** Abstract submission **30 November 2023**
- Paper/extended abstract 29 February 2024
- Early Bird Registration 1 April 2024
- Final program 31 March 2024

Conference website [Concreep12.org](https://concreep12.org)





## Info about CONCREEP12 Conference 2024

### Top 10 things to do in Delft

- ⇒ Market square
- ⇒ Beestenmarkt
- ⇒ Royal Delft—Porceleyne Fles
- ⇒ New church
- ⇒ Museum Prinsenhof (prince's court)
- ⇒ Vermeer Centrum Delft
- ⇒ Old Church
- ⇒ Oostpoort
- ⇒ Saturday Flea Market
- ⇒ Stadhuis (city hall)
- ⇒ Boat canal tour



Would you like to advertise in our newsletter?

### Issue 3.2 December 2023

Organized by



Hotels

- ⇒ [Hampshire Hotel - Delft Centre](#)
- ⇒ [IBIS](#)
- ⇒ [Westcord Hotel](#)
- ⇒ [Hotel Bridges House Delft](#)
- ⇒ [Campanile Hotel & Restaurant Delft](#)
- ⇒ [Hotel de Koophandel](#)
- ⇒ [Shanghai Hotel Holland](#)
- ⇒ [Stayokay Hostel Den Haag](#)
- ⇒ [ibis budget Rotterdam The Hague Airport](#)

### Keynote speaker

Zdeněk P. Bažant  
Northwestern University, USA



### Title: Why is continuing hydration of cement as a porous solid always expansive?

Consequences for drying and autogenous shrinkage, drying creep and swelling in water

- ⇒ Zdeněk P Bažant (presenter), Ahmed A. Donmez, Anh Nguyen, Raul E. Marrero and Gianluca Cusatis

## Upload your ABSTRACT

Conference website [Concreep12.org](https://concreep12.org)



Question or comments, or unsubscribe: email us: [info@concreep12.org](mailto:info@concreep12.org)

<https://www.lijmencultuur.nl/>



LOC

- Erik Schlangen  
Professor in Construction Materials at TU Delft  
[erik.schlangen@tudelft.nl](mailto:erik.schlangen@tudelft.nl)
- Branko Šavija  
Associate professor in Concrete Materials at TU Delft  
[B.Savija@tudelft.nl](mailto:B.Savija@tudelft.nl)
- Minfei Liang  
PhD student, at TU Delft  
[m.liang-1@tudelft.nl](mailto:m.liang-1@tudelft.nl)
- Iris Batterham  
Project manager | Conference organizer at TU Delft  
[i.batterham@tudelft.nl](mailto:i.batterham@tudelft.nl)