



4-10 Nov 2025

International Symposium & Doctoral Course on Volume Changes of Hardening Concrete

International Symposium on Volume Changes of Hardening
Concrete (ISVCHC2025)

9-10 November, 2025

Pre-conference RILEM Doctoral Courses

Volume Changes of Concrete

4-8 November, 2025

Conference chair:

Jiaping Liu, Southeast University

Ole Mejlhede Jensen, Technical University of Denmark

Sponsors



Organizers



International Symposium on Volume Changes of Hardening Concrete

9-10 November, 2025

Background

During the hardening process of concrete, volume changes occur due to chemical reactions as well as changes in temperature and humidity. Volume shrinkage of concrete during the hardening process is an important cause of concrete cracking. Mastering the mechanism of volume change in concrete and taking measures to ensure its volume stability is crucial for the durability and long-term service performance of concrete structures.

As one of the activities of RILEM TC 284-CEC, the ISVCHC focuses on the Measurement, Mechanisms and Mitigation of Volume Changes of Hardening Concrete. The symposium provides a platform for knowledge exchange within academia and practice, and has the final goal of improving the construction quality and thus extending the service life of concrete structures.

Topics include, but are not limited to

- Hydration and Volume Changes: Characterization, Mechanism and Modelling
- Volume Changes-related Cracking and Durability
- Volume Change Control Technology
- Data-driven Concrete Science: AI Application in Concrete Materials
- Application Cases

Venue

Holiday Inn Nanjing Qinhuai South, Nanjing, China

NO. 21 Mozhou East Road, Jiangning District, Nanjing, 211111

Scientific Committee

Chairs

Jiaping Liu, Southeast University, China

Ole Mejlhede Jensen, Technical University of Denmark, Denmark

Members

António Bettencourt Ribeiro

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Geert De Schutter

Haitao Zhao

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Jinyuan LU

Konstantin Kovler

Min Deng

Pietro Lura

R. Doug Hooton

Semion Zhutovsky

Velasquez Luis

Yujiang Wang

Updating...

Changli Chen

Folker H. Wittmann

Guangfeng Ou

Jason Weiss

John Kolawole

Liwu Mo

Nikolajs Toropovs

Qian Tian

Roberto J. Torrent

Sobolev Konstantin

Vyacheslav R. Falikman

Zhangli Hu

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Yu yan

Zhangli Hu

Cheng Yu

Le Teng

Contact Us

Email: isvchc2025@sobute.com

Website: <https://isvchc2025.com>

Call for Abstract

Authors are invited to submit abstracts of approximately 300 words by April 1st, 2025.

Important Dates

Abstract deadline	2025.4.1
Extended abstract submission starting	2025.4.1
Extended abstract deadline	2025.6.30
On-line Registration	2025.7.15
On-site Registration	2025.11.8

Registration Fee

Type	Early-bird Before August 31 st , 2025	Regular
Regular	EUR 400 / RMB 3000	EUR 500 / RMB 3500
Student	EUR 200 / RMB 1500	EUR 300 / RMB 2000

Honorary Chairs

Changwen Miao, Southeast University, China

Conference Chair

Jiaping Liu, Southeast University, China

Ole Mejlhede Jensen, Technical University of Denmark, Denmark

Senior Advisers

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Pre-conference Doctoral Course Volume Changes of Concrete

4-8 November, 2025

About the Course

The Pre-conference Doctoral Course, Volume Changes of Concrete, provides the opportunity for participants to become familiar with Volume Changes of Concrete. The course will present the advanced knowledge on mechanisms, measurement and modeling of Volume Changes of Concrete as well as typical technologies on shrinkage mitigation. Lectures will be given by renowned experts from different research fields. Participants will work together during a number of the course modules. The course is sponsored by RILEM EAC through TC 284-CEC.

Teachers

Ole Mejlhede Jensen, Technical University of Denmark, Denmark

Konstantin Kovler, Israel Institute of Technology, Israel

R. Doug Hooton, University of Toronto, Canada

Eric Schlangen, Delft University, Netherland

Qian Tian, Sobute New Materials Co., Ltd., China

Liwu Mo, Nanjing University of Technology, China

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Contents

The course will consist in lectures, written exercises, lab exercises, poster and participant presentations, technical tour and other activities.



Registration Fee

(lunch, dinner, course files, experimental exercise, accommodation and technical tour)

Registration fee for doctoral course	
Participant	300 Euro
Student	200 Euro
Participant (China)	2000 RMB
Student (China)	1500 RMB

Venue

State Key Laboratory of High-Performance Civil Engineering Materials
Sobute New Materials Co., Ltd.

No. 118 Liquan Road, Jiangning District, Nanjing, China

Accommodation: Expert Building in Sobute New Materials Co., Ltd.

Contact

Email: isvchc2025@sobute.com

More information of the Doctoral Course can be found at
<https://isvchc2025.com>

Organizers

Ole Mejlhede Jensen, Technical University of Denmark, Denmark
Changwen Miao, Southeast University, China
Jiaping Liu, Southeast University, China

Sponsors

RILEM TC 284-CEC
Sobute New Materials Co., Ltd.
Southeast University
Collaborative Innovation Center for Advanced Civil Engineering Materials