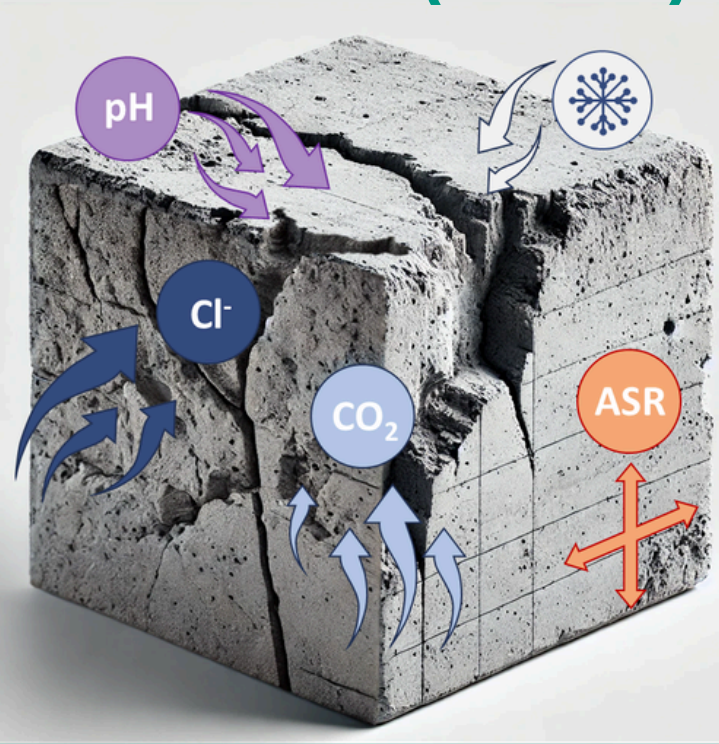
Durability & long-term performance of alkali-activated materials (AAMs)

IMB MPA CMM KARLSRUHE



A must-attend for researchers and professionals driving sustainable construction forward

WHEN
March 2027
17th - 19th

WHERE
Karlsruhe
Hotel “Der blaue Reiter”

About the workshop

Target audience

Researchers, PhD students, Postdocs, academic and industry professionals

€ Registration fees

B.Sc./M.Sc.	450 €
PhD students & postdocs	650 €
Researchers/ Academic professionals	850 €
Professionals from industry	1350 €

Only 50 places available

Join us for three days of scientific exchange, discussion and networking

Register now!

IMB MPA CMM KARLSRUHE | About us

IMB/MPA/CMM Karlsruhe combines research, materials testing, and practical expertise in construction materials and concrete technology. As part of **KIT**, we connect scientific excellence with real-world applications, working with industry, public authorities, and research partners to develop innovative, reliable, and sustainable solutions.

Contact & more information

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www.imb.kit.edu/bt/1400.php



Programme



Wednesday
17.03.2027

Durability performance, environmental impact & Life Cycle Assessment

08:45 - 09:00	Welcome
09:00 - 09:45	Mix design & microstructure
09:45 - 10:30	Applicability of test methods developed for PCC
10:30 - 11:00	Coffee break
11:00 - 12:30	Environmental impact, leaching & LCA
12:30 - 13:30	Lunch break
13:30 - 16:30	Chloride resistance Carbonation resistance Chloride-induced & carbonation-induced corrosion
16:30 - 17:00	Coffee break
17:00 - 18:00	Open discussion

Keynote speakers

- Dr. Arno Keulen & Dr. Boyu Chen (Carbonefuse)
- Dr. Anastasija Komkova (ETH Zurich)
- Dr. Shishir Munda (ETH Zurich)
- Dr. Marija Nedeljkovic (ARUP)

Thursday
18.03.2027

Durability performance & multiscale numerical modelling

08:45 - 09:00	Welcome
09:00 - 10:30	Resistance against aggressive environments (acid, sulfate, alkali-silica reaction (ASR), freeze-thaw)
10:30 - 11:00	Coffee break
11:00 - 12:30	Thermodynamic & multiscale modelling
12:30 - 13:30	Lunch break
13:30 - 15:00	Modelling for structural design & service life

Excursion + Dinner

Keynote speakers

- Dr. John L. Provis (Paul Scherrer Institute)
- Dr. Gregor J. G. Gluth (BAM Berlin)
- Dr. Ravi Patel & Dr. Mayank Gupta (KIT/IMB)
- Dr. Tamara J. Chidiac (TU Darmstadt)

Friday
19.03.2027

Real scale applications & experience from the industry

08:45 - 09:00	Welcome
09:00 - 13:30	Experience with alkali-activated concrete (AAC) in France and Finland
10:30 - 11:00	Coffee break
11:00 - 12:30	Experience with alkali-activated concrete (AAC) in Germany
12:30 - 13:30	Lunch break
13:30 - 14:30	Closing session

Visit at the MPA Karlsruhe

join us!

Keynote speakers

- Stéphanie Bondoux (Hoffmann Green Cement)
- Dr. Priyadharshini Perumal (Oulu University)
- Dr. Thomas Neumann (Schwenk GmbH&Co.KG)
- Philipp J. Scherer (Polycare GmbH)