

ALKALI-ACTIVATED CONCRETE FOR SUSTAINABLE INFRASTRUCTURE: POTENTIAL, PROGRESS AND CHALLENGES AHEAD

Speaker

Prof. Guang Ye

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Biography

Dr. Guang Ye is a Professor of Advanced Construction Materials in the Materials and Environment Section at Delft University of Technology (TU Delft), where he leads the Concrete Modelling and Materials Behavior group. He received his PhD with honors from TU Delft in 2003 and completed a postdoctoral fellowship at Ghent University, Belgium. In 2005, he was awarded the prestigious NWO VENI grant and subsequently advanced through faculty ranks at TU Delft to full professor. Since 2006, he has also served as a guest professor at Ghent University and several institutions in China, including the Chinese Building Academy, Southeast University, and South China University of Technology. Dr. Ye's research focuses on alternative cementitious binders (e.g., alkali-activated materials), material properties of concrete, and numerical simulation of material behavior. He has authored over 400 publications and co-edited eight conference proceedings, with contributions to six books. He is a Fellow of RILEM and chairs Technical Committee 294-MPA on Mechanical Properties of Alkali-Activated Materials, while also actively participating in other RILEM and fib committees. He currently serves as Associate Editor-in-Chief for the Journal of Structural Concrete and Associate Editor for Materials and Structures. He has also been on the editorial boards of Cement and Concrete Research since 2014 and Low Carbon Materials and Green Construction since 2022.



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2:00pm - 3:00pm



**Civil Engineering
Conference Room
Room 3574 (Lift 27/28)**

Enquiry:

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