

35<sup>th</sup> Conference

# Rheology of Building Materials

 February 25<sup>th</sup>, 2026

OTH-Regensburg, Faculty of Civil Engineering, Prof. Dr. Thiel, Galgenbergstr. 30, Building D

CET	Hörsaal / Lecture Hall D002
10:00	<b>Opening and Welcoming the Participants</b> with vice president of the OTH Prof. Dr. Christoph Skornia
10:30	<b>Rheology of Concrete with Low Carbon Footprint – Challenges and Solutions</b> Jacek Gołaszewski, Silesian University of Technology, Gliwice, Poland
11:00	<b>Rheology and Performance of Eco-Friendly Cements Based on Slag, Limestone and Calcined Clay: A Comparative Study of Superplasticizer Interactions</b> Nisrine El Fami, BUZZI Innovation Laboratory and Technology, Vercelli, Italy
11:30	<b>Polymer-Liquid-Binder Interactions and Their Impact on Rheology in Limestone Calcined Clay Cement (LC<sup>3</sup>)</b> Wolfram Schmidt, Renata Lorenzoni, BAM, Berlin, Germany
12:00	<i>Mittagessen / Lunch</i>
13:00	<b>AI-Driven Material Formulation Using Rheological Analysis with On-Site Implementation and Verification</b> Rolf-D. Schulz, Ingenieurbüro für das Bauwesen, Hofolding, Germany
13:30	<b>Wide-Gap Rheometer Step-Profile Analysis for Thixotropy Assessment and Numerical Criteria for Equilibrium and Flow Model Choice</b> Axel Neißer-Deiters, University of Bundeswehr Munich, Germany
14:00	<b>From Torque-Velocity Data to Local Rheology: Inversion-Based Recovery of Yield Stress and Shear-Rate Profiles</b> Roman Rezaev, Technical University of Dresden, Germany
14:30	<i>Kaffeepause / Coffee Break</i>
15:00	<b>Rheological Properties of Mixtures based on Alkali Metal Silicates</b> Elina Gorbunova, Research Institute of Building Physics, Moscow, Russia
15:30	<b>A Rheo-Geotechnical Approach to Penetration Testing</b> C. Maximilian Hechtl, Technical University of Munich, Germany
16:00	<b>Effect of Sample Loading Procedure on Parallel-Plate Rotational Rheometry of Cement Paste</b> Fábio A. Cardoso, University of Sao Paulo, Brazil
16:30	<b>Abschlussdiskussion – Final Discussion and Conclusion</b>