



25. Kolloquium

Rheologische Messungen an mineralischen Baustoffen

02. März. 2016

Ostbayerische Technische Hochschule Regensburg Galgenbergst.30 Gebäude D

Hörsaal / Lecture Hall D002	
09:30	Wolfgang Kusterle¹ und Markus Greim² Ostbayerische Technische Hochschule Regensburg ¹ und Schleibinger Geräte GmbH ² Eröffnung der Veranstaltung
09:40	Thomas Falter Institut für Angewandte Forschung und Wirtschaftskooperationen der OTH Regensburg Grußwort
09:50	Wolfram Schmidt Bundesanstalt für Materialforschung und -Prüfung, Berlin, Germany Influence of effects on nano and micro scale on the rheological performance of cement paste, mortar and concrete
10:10	Peter Kruspan, Julian Link Holcim (Schweiz) AG, Switzerland, Karlsruhe Institute of Technology, Germany The Water Demand of Cement - Is There Any True Application-Relevant Parameter Existing?
10:30	I. Paric¹, F. Fleischmann¹, W. Kusterle¹, M. Greim² OTH Regensburg ¹ , Schleibinger Geräte GmbH ² , Buchbach, Germany The Determination of Rheological Properties of High Slump Concrete and SCC - the Advantages of a Modified Online Ball Measuring System
10:50	<i>Kaffeepause / Coffee Break</i>
11:10	Christian Baumert Universität Stuttgart, Institut für Werkstoffe im Bauwesen (IWB), Stuttgart, Germany Entwicklung eines Labor-Intensivmischers mit integriertem Absolutwert-Rheometer und Tribometer: Kniele KKM RT-15
11:30	Jacek Gołaszewski Silesian University of Technology, Department of Building Materials and Processes Engineering, Gliwice, Poland Influence of admixtures on properties of fresh SCC.
11:50	Rolf-D. Schulz Ingenieurbüro für das Bauwesen Schulz, Brunenthal, Germany Optimierung der Frischbetonqualität für die Verarbeitbarkeit und das Aussehen von Sichtbeton
12:10	<i>Mittagessen / Lunch / Postersession</i>
13:00	Klaus Hock S u. K Hock GmbH, Regen, Germany Rheology of Polymer Concretes

13:20	<p>Jose Roberto Tenorio Filho, Karoline Alves de Melo Moraes Universidade Federal de Alagoas, Maceio, Alagoas, Brazil Study of mix design parameters for self compacting concrete based on the rheological characterization of cement based mortars</p>	
13:40	<p>Klemens Laub, Simone Palzer Institut für angewandte Bauforschung Weimar gGmbH, Germany Development of a Fiber Reinforced Self-Compacting Heavyweight Concrete by Considering the Factory Conditions</p>	
14:00	<p>A. Fernández-Ibarburu Construction Additives R&D, TOLSA, Madrid, Spain Mineral based rheological additives for an efficient sag/slip control and workability improvement in mortars</p>	
14:20	<p>Michael Haist, Raphael Breiner, Harald S. Müller Karlsruher Institut für Technologie, Institut für Massivbau und Baustofftechnologie, Germany Structure-effect relationship between modern superplasticizers and the rheological properties of fresh cement pastes</p>	
14:40	Kaffeepause / Coffee Break	
	Hörsaal / Lecture Hall D001	Hörsaal / Lecture Hall D002
15:00	<p>Adrian Bajrami TU Bergakademie Freiberg, Germany Flowability influence on vertical & horizontal length change behavior</p>	<p>Hakan Kilinc Ruhr-Universität Bochum, Germany Assessment procedures for the rheological properties of mortars</p>
15:20	<p>V.N. Nerella, M. Krause, M. Näther, V. Mechtcherine TU Dresden, Germany Studying printability of fresh concrete for formwork free Concrete on-site 3D Printing technology</p>	<p>Yared Assefa Abebe, Ludger Lohaus Leibniz Universität Hannover, Germany Application of Rheology to Characterize the Stability of Mortar Compositions under Vibration</p>
15:40	<p>Tomasz Ponikiewski Silesian University of Technology, Gliwice, Poland X-ray computed tomography of porosity in fibre reinforced self-compacting concrete</p>	<p>Thomas Kränkel, Dirk Lowke, Christoph Gehlen cbm, Technischen Universität München, Germany Rheology Testing of Deep Foundation Concrete</p>
16:00	<p>F. A. Cardoso¹, V.M. John¹, R.G. Pileggi¹, P.F.G. Banfill² University of São Paulo¹, Brazil, Univ. Edinburgh², UK Rheological behavior of mortars: comparison between rotational and squeeze-flow techniques</p>	<p>Mohammed Al-Majidi, A. Lampropoulos, A. Cundy University of Brighton, Moulsecoomb, Brighton, UK Experimental investigation of the effect of silica fume on geopolymers mortar cured under ambient temperature</p>
16:20	<p>A. Schließer¹, H. Garrecht¹, C. Baumert¹, M. Özogul¹, U. Zimmer², H.-H. Reuter² Univ. of Stuttgart¹, Testing Bluhm & Feuerherdt², Germany Test Evaluations of a Fully Automatic Mortar Mixer with Torque Measurement for Determining Water Demand</p>	<p>Salam Alrekabi University of Brighton, UK Influence of superplasticizer/surfactant aided aqueous dispersion of multi-walled Carbon nanotubes and its impact on workability and mechanical properties of cementitious composites</p>
	Hörsaal / Lecture Hall D002	
16:40	<p>Markus Greim Schleibinger Geräte Teubert u. Greim GmbH, Buchbach, Germany Rheology of Constructing Materials: 25 Years Ago - The Next 25 Years</p>	

17:00

“Abschlussdiskussion - Final Discussion and Conclusion“