

## 20. Kolloquium und Workshop Rheologische Messungen an mineralischen Baustoffen

1. März 2011, Hochschule Regensburg Prüfeninger Straße 58, Hörsaal P040

09:30	<b>Prof. Dr. Baier</b> Vice President University of Applied Science Regensburg "Opening"	
09:45	<b>Prof. Dipl.-Geol. Jürgen Teubert</b> Aufhausen, Germany "A look back"	
	<b>Raum P040</b>	<b>Raum P030</b>
10:15	<b>Dr. Simone Palzer, Dipl.-Ing. Knut Krenzer</b> iff Weimar, Germany <i>"Application of the particle simulation on the evaluation of the rheological properties of fresh concrete"</i>	<b>Msc. Sandra Hahn, Prof. Dr. Thomas Bier</b> TU Bergakademie Freiberg, Germany <i>"Characterization of the workability (flowing, setting time, setting value Tau) of coarse (4mm) and very fast setting (Vicat-I-time = 5-8 min after mixing) grouts with a viscosimeter"</i>
10:45	<b>Dipl.-Ing. Christian Heese, Prof. Dr. Wolfgang Breit</b> Technische Universität Kaiserslautern, Germany <i>"Simulation based characterization of the rheological properties of UHPC"</i>	<b>Dr. Torsten Westphal, Prof. Dr. Thomas Bier</b> TU Bergakademie Freiberg, Germany <i>"Set up agents in self compacting mortars - comparing technological and rheological measurements"</i>
11:15	<b>Kaffeepause / Coffee Break</b>	
11:30	<b>Dipl.-Ing. Wolfram Schmidt</b> Bundesanstalt für Materialforschung und -prüfung BAM, Berlin, Germany <i>"Influence of the polymer structure of stabilizing agents in the rheology of self consolidating concrete and mortar"</i>	<b>Prof. Dr. Luiz António Pereira de Oliveira</b> Universidade da Beira Interior, Covilhã, Portugal <i>"The rheological properties of low cost grouts"</i>
12:00	<b>Prof. Dr. Jacek Golaszewski, Dr. Tomasz Ponikiewski</b> Schlesische Technische Universität, Gliwice, Poland <i>"Rheological properties of fresh mortars and concretes containing high calcium fly ash"</i>	<b>Dipl.-Ing. Diego Sarmiento</b> Ruhr-Universität Bochum, Germany <i>"Development of self consolidating concrete with high green strength for a slipform paver application"</i>
12:30	<b>Mittagspause / Lunch</b>	
13:30	<b>M. Eng. Jens Herrmann</b> VDZ, Forschungsinstitut der Zementindustrie, Düsseldorf, Germany <i>"Influence of different cement components as well as PCE plasticizer in the flow-ability of cement paste and fresh concrete"</i>	<b>Dr. Markus Krüger</b> Universität Stuttgart, Germany <i>"Determining elastic material properties with ultrasound"</i>
14:00	<b>Dr. Assem Hassan, Dr Mohamed Lachemi</b> Memorial University of Newfoundland, St. Johns, Canada and Ryerson University, Toronto, Canada <i>"Effect of metakaolin and silica fume on the rheology of self-consolidating concrete"</i>	<b>Simone Peters, Michael Kraus</b> Bauhaus-Universität Weimar, Germany <i>"Selected aspects of influencing the workability of cement paste with power ultrasound"</i>
14:30	<b>Kaffeepause / Coffee Break</b>	
14:45	<b>Dipl.-Ing. Peter Ramge</b> Bundesanstalt für Materialforschung und -prüfung BAM, Berlin, Germany <i>"Segregation of Coarse Aggregates in Self Compacting Concretes"</i>	<b>Dipl.-Ing. Thomas Neumann</b> Schwenk Zement KG, Karlstadt, Germany <i>"Determining the pumpability of fresh concrete in the lab and on the constructing site"</i>
15:15	<b>Msc. Sandy Leonhardt</b> Technische Universität München, Germany <i>"Influence of the mix design in the rheological properties of UHPC"</i>	<b>Tor Arne Martius-Hammer</b> Concrete Innovation Centre, SINTEF Byggforsk, Trondheim, Norway <i>"On the influence of entrained air on rheology of paste and mortar"</i>
15:45	<b>M. Eng. Florian Fleischmann</b> Hochschule Regensburg, Germany <i>"Evaluation and control of the flow properties of self consolidating concrete - A research project and first results"</i>	
16:15	<b>Abschlussdiskussion / Final Plenary Session / Ende</b>	