

FRONTIERS IN SILICON CHEMISTRY 2011

1st Munich Forum on Functional Materials

WEDNESDAY 13.04.2011

17:30-19:30 Registration and Welcome Mixer „Hotel an der Oper“

THURSDAY, 14.04.2011

8:30 -9:00	Rieger, Bernhard Sittenthaler, Wilhelm	Opening Session
9:05-9:35	Babonneau, Florence	Exploring interactions between organic species and silica surfaces by a combined spectroscopic and modelisation approach
9:40-10:10	Kato, Tsuyoshi	Phosphonium Sila-ylides: Synthesis and Reactivity
10:15-10:45		Coffee-Break
10:45-11:15	Mitzel, Norbert W.	Chemistry with hypercoordinate siliconium cations
11:20-11:50	Lickiss, Paul	Novel Metal-Organic Frameworks Containing Silicon
11:55-12:25	Croutxé Barghorn, Céline	A Photochemical Approach of the Synthesis of Organic-Inorganic Hybrid Films
12:30 -14:00		Lunch-Break
14:00-14:30	Chauhan, Bhanu	Functional Silicone Materials: A Catalytic Grafting Approach
14:35-15:05	Gonzaga, Ferdinand	New functional, reactive polysiloxanes and their application to the synthesis of (nano)structured materials
15:10-15:40	Kickelbick, Guido	Siloxanes at Interfaces in Nanomaterials - Revival of an Old Topic
15:45-16:15		Coffee-Break
16:15-16:45	Muzafarov, Aziz	MQ-resins as the simplest examples of hybrid materials. The ways and prospects of the study on the structure – properties relationship and regulation
16:50-17:20	Sturm, James C.	Silicon-organic semiconductor heterojunctions
17:30		Postersession

FRIDAY, 15.04.2011

9:00		Start
9:05-9:35	Veinot, Jonathan G.C.	Solution Processable Precursors to Group 14 Semiconductor Nanocrystals - Convenient Materials für Enabling Nanocrystal-Based Applications
9:40-10:10	Fröba, Michael	Nanoporous Organosilica Hybrid Materials: Control of Porosity and Functionality
10:15-10:45	Hüsing, Nicola	Functional nanostructures from tailored-made silanes
10:50-11:20		Coffee-Break
11:20-11:50	Löbmann, Peer	Innovative (multi-)functional products based on silicon precursors
11:55-12:25	Wiesner, Ulrich	Functional Materials from Silicon Chemistry
12:30-13:00	Wong Chi Man, Michel	Nanostructuring and tuning the properties of hybrid silicas
13:00		Best Poster Award + Closing Remarks
13:30		Lunch