

## OCM Meeting

Thursday, July 25<sup>th</sup>, 2013

Location: BEL 301 (TU Berlin, Villa BEL, Gerhard Ertl Center)

Time	Title	Work group / lecturer
09:00	On the mode of operation of OCM over MgO-based model systems	Prof. Schlögl
09:30	Microkinetics of methane oxidative coupling – Surface reactions	Prof. Sauer/ Dr. Baldowski
10:00	First-principles description of oxides at realistic conditions: Defects and clusters	Prof. Scheffler/ Dr. Levchenko
10:30	Coffee Break	
11:00	Oxygen Activation on Oxide Surfaces: A perspective at the atomic level	Prof. Freund
11:30	Activation of oxygen on well-defined alkaline earth oxide surfaces: from thin films to transition metal doping	Prof. Risse
12:00	Lunch Break	
13:00	OCM at “performance catalysts” in UniCat and BasCat	Prof. Schomäcker
13:30	Our OCM Research in Berlin and Hamburg	Prof. Horn
14:00	Materials of OCM	Prof. Thomas/ Dr. Görke
14:30	Coffee Break	
15:00	Experimental study on the influence of catalyst pore size in the OCM reaction	Dr. Krähnert
15:30	OCM on Mini-plant scale	Prof. Wozny/ Esche
16:00	Final Discussion	

Organizer: Prof. Schomäcker (TUB)

Interested guests are cordially welcome to attend!