

## Particle Technology Seminar WSo6/07

Fridays 14:15-17h; ML F40

October 27	Nanodielectrics for high voltage applications <i>Adrian Camenzind and Samuel Ansorge, PTL, ETHZ</i>
November 10	Theory of Brownian coagulation at high concentrations <i>Martin Heine, PTL, ETHZ</i>
November 17	Adhesion and Friction of Surfaces: Recent Nano- and Micro-Scale Studies on the Transition from Liquid-Like to Solid-Like Behavior <i>Prof. Dr. Jacob Israelachvili, Chemical Engineering and Materials, University of California, Santa Barbara, USA</i>
November 24	High active ready-to-use flame-made VO <sub>x</sub> /TiO <sub>2</sub> catalysts: Influence of vanadia content <i>Björn Schimmöller, PTL, ETHZ</i>
December 05 16:00 ML H43	Ultrasonic mixing of flame-made SiO <sub>2</sub> Nanoparticles with silicone <i>Miguel Gubler, ETHZ</i> Calcium phosphate-based nanoparticles for biocompatible surfaces <i>Peter Vogel, ETHZ</i>
December 15	NO <sub>x</sub> storage reduction catalysts: A first overview and outlook <i>Robert Büchel, PTL, ETHZ</i>
December 20 14:00 ML E13	Microchannel- and microstructured reactors for homogeneous and heterogeneously catalysed reactions <i>Dr. Peter Pfeifer, Forschungszentrum Karlsruhe GmbH, Germany</i>
January 05	Agglomerate Characterization <i>Jacob Scheckman, University of Minnesota, USA</i>
January 11 14:00 CLA J1	Probability Density Function based modeling of ignition and extinction in turbulent reactive flows <i>Fabrizio Brisetti, University of California at Berkeley, USA</i>
January 12	Interplay of Transport and Hetero-/homogeneous Chemistry <i>Dr. I. Mantzaras, PSI, Villigen</i>
January 19	Deposition of porous films by nano-particles: morphology, characterization and adhesion issues <i>Tobias Dokkedal ElmØe, DTU, Denmark</i>
January 26	Zn/ZnO Aerosol Formation by Condensation/Hydrolysis <i>Frank Ernst, PTL, ETHZ</i>

February 01

Gas sensing properties of hexagonal tungsten oxide nanoparticles  
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