

## Particle Technology Seminars (SS 05) (151-0930-00L);

Fridays 14.15-17.00; Room NO G 15, Sonneggstrasse 5, CH-8092 Zürich

- April 1 "PTL Safety guidelines", Dr. M. Height, ETH Zürich.  
"High surface area Ag-doped ZnO catalyst for photodegradation of dye ",  
Dr. O. Mekasuwandumrong, Silpakorn University, Thailand.
- April 8 "Synthesis of metal-doped titanium dioxide by flame spray pyrolysis ",  
Prof. S. Phanichphant, Chiang Mai University, Thailand.
- April 15 "Flame-made Pd/La<sub>2</sub>O<sub>3</sub>/Al<sub>2</sub>O<sub>3</sub> and Pd-Pt/Al<sub>2</sub>O<sub>3</sub> nanoparticles ", R. Strobel, ETH Zürich.
- April 22 "Metal-oxide nanopowders for chemical sensors", B. Büsser, ETH Zürich (BME project).  
"Functional powder coatings: optimization of surface mechanical properties", S. Meder, D. Krämer, F. Meier, ETH Zürich (BME Team project).
- April 28 "Primary Particle Dynamics by Coagulation and Sintering", I. Tsalicoglou, ETHZ (SA project).  
Direct deposition of TiO<sub>2</sub>/V<sub>2</sub>O<sub>5</sub> on ceramic foams, B. Schimmöller, U. Karlsruhe (DA project).  
**Thursday NO F24**
- April 29 "A tutorial on Raman spectroscopy", Dr. M. Height, ETH Zürich.
- May 9 "ZnO formation in hot-wall reactors", A. Tricoli, ETH Zürich.  
**Mon. F19** "Droplet-particle dynamics", M. Heine, ETH Zürich.
- May 13 "Compact Multiplexing of Monodisperse Electrosprays using Microfabrication ",  
Prof. A. Gomez Yale University, New Haven, CT, USA
- May 20 "Direct Synthesis of Pt/TiO<sub>2</sub> for Photocatalysis of Sucrose", Prof. S.E. Pratsinis, ETH Zürich.
- May 30 "In-situ monitoring of agglomerate particles by light scattering", J. Carlos, ETH Zürich.  
**Mon. F19**
- June 7 **Tue. ML F38 16:15** Physics of droplet dispersion and collisions,  
Dr. Y. Hardaloupas, Imperial College, UK
- June 10 Direct deposition of TiO<sub>2</sub>/V<sub>2</sub>O<sub>5</sub> on ceramic foams, B. Schimmöller, U. Karlsruhe (DA project).  
Flame synthesis of nanocomposite particles , Robert Büchel (SA project)
- June 17 **Solar Production of Zinc - Experimental Results and Modelling**, Reto Müller, PSI and ETHZ  
Final presentation by B. Büsser (BME project) see Apr.22
- June 24 "Flame synthesis of polymer-coated oxide nanoparticles", M. File, ETH Zürich (SA project).  
Final presentation by I. Tsalicoglou (see April 28).
- July 1 "Effect of mass transport properties on the performance of extruded ZSM-5 catalysts in the MTO-reaction", Prof. B. Kraushaar-Czarnetzki, Universität Karlsruhe.