

Particle Technology Seminars (WS 04/05)

(151-0931-00G)

**Fridays 14.15-17.00; Room ML F 40,
Sonneneggstrasse 3, CH-8092 Zürich**

- October 22 "Morphology of yttria stabilized zirconia made in spray flames at high production rates", Mr. Rainer Jossen, ETH Zürich
- Wed. Oct. 27
4 pm, HG F33.4**
- "Flame spray synthesis of bimetallic Pd-Pt catalysts: Alloy formation and stabilization in catalytic combustion."
Mr. Reto Strobel, ETH Zürich
- November 5 "Flame synthesis of Ga and Ag doped ZnO"
Dr. Murray J. Height, ETH Zürich
- November 19 "PDA analysis of particle producing spray flames"
Mr. Martin Heine, ETH Zürich
- November 26 Presentation of Diploma and Semester works (15-20 minutes each):
"Flame spray synthesis of luminescent Y₂O₃:Eu³⁺ Nanoparticles"
Mr. Adrian Camenzind, ETH Zürich
"Flame synthesis of Mg and Al doped ZnO", Mr. Marc E. Stipsicz
"Morphology of particle made by spray conversion", Mr. Tobias Rothenfluh
- December 3 "One-step synthesis of blue titanium suboxide nanoparticles"
Mrs. Alexandra Teleki, ETH Zürich
- December 10 "Electrochemically Active Particles made by FSP"
Mr. Frank O. Ernst, ETH Zürich
- December 17 "Particles by GAS re-crystallization of emulsion"
Mr. Timothy Patey, ETH Zürich
- Wed. Dec. 22
4 pm, CLA J1**
- "Nanoparticle's Transparency"
Mr. Heiko Schulz, ETH Zürich
- January 14 Presentation of Diploma and Semester works (45-60 minutes each):
"Flame synthesis of Mg and Al doped ZnO", Mr. Marc E. Stipsicz
"Morphology of particle made by spray conversion", Mr. Tobias Rothenfluh
- January 21 "Flame spray synthesis of luminescent Y₂O₃:Eu³⁺ Nanoparticles"
Mr. Adrian Camenzind, ETH Zürich (Diploma work)
- January 28 "Electrochemically Active Particles made by FSP"
Mr. Frank O. Ernst, ETH Zürich