

Institute of Process Engineering

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(Seminar No. 30-931 G)

Particle Technology Seminars (WS 00/01)

Fridays 2-4 pm; Room ML F 38 (unless otherwise noted), Sonneggstrasse 3, CH-8092 Zürich

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| October 13, 2000
ML H 16, 16.00h | "Sol-gel Synthesis & Spray drying of Nanostructured Porous Titania"
Dr. Jinsoo Kim, Institut für Verfahrenstechnik, ETH Zürich |
| October 19, 2000
Thursday, 16.00h | "Solar Cells with Nanoparticle Precursors"
Mr. Marc-Roland Kaelin, Institut für Quantenelektronik, ETH Zürich |
| October 27, 2000 | "Modeling Coagulation and Surface Growth"
Mr. Stavros Tsantilis, Institut für Verfahrenstechnik, ETH Zürich |
| November 3, 2000 | "SCR by flame-made Titania-Vanadia"
Mr. Wendelin Stark, Institut für Verfahrenstechnik, ETH Zürich |
| November 24, 2000 | "Thermophoretic Deposition in Tube Flow by CFD"
Ms. Jennifer Walsh, University of Colorado, Boulder, USA |
| December 1, 2000 | "Electrospray Deposition"
Mr. Oliver Wilhelm, Institut für Verfahrenstechnik, ETH Zürich |
| December 8, 2000 | "Flame Spray Pyrolysis (FSP)"
Dr. Lutz Mädler, Institut für Verfahrenstechnik, ETH Zürich |
| December 15, 2000 | "What can we learn from scattering"
Dr. Georg Skillas, Institut für Verfahrenstechnik, ETH Zürich |
| December 21, 2000
16.00h, ML H 16
Thursday | "Influence of local shear rates on dispersing in low temperature extrusion"
Mr. Thomas Meierhans, Diplomarbeit Institut für Verfahrenstechnik and
Institut für Lebensmittelwissenschaften, ETH Zürich |
| January 12, 2001 | "CFD with Coagulation and Fragmentation"
Dr. Georg Barthelmes, Institut für Verfahrenstechnik, ETH Zürich |
| January 19, 2001 | "Spray drying"
Ms. Susanne Veith, Institut für Verfahrenstechnik, ETH Zürich |
| January 23, 2001
Tuesday, ML F36
16.00h | "Nanocorrugated membranes"
Prof. Ed Cussler, Department of Chemical Engineering,
University of Minnesota, USA |
| January 26, 2001 | "Barium Titanate by FSP"
Mr. Roger Müller, Institut für Verfahrenstechnik, ETH Zürich |
| February 2, 2001 | "Titania synthesis in a Flame Microreactor"
Mr. Karsten Wegner, Institut für Verfahrenstechnik, ETH Zürich |
| February 9, 2001 | "Electrically-assisted Flame Synthesis of Nanoparticles"
Mr. Hendrik Kammler, Institut für Verfahrenstechnik, ETH Zürich |