

Institute of Process Engineering

Coordinator: Mrs. P. Horn
horn@ivuk.mavt.ethz.ch (01) 632 25 10

Prof. Dr. S.E. Pratsinis

<http://www.ivuk.ethz.ch/staff/pratsinis>

Particle Technology Seminars (WS 1999/2000)

Fridays 4-5 pm; Room ML K 25 (unless otherwise noted), Sonneggstrasse 3, CH-8092 Zürich

September 3 15.00h	"Growth by Coagulation and Sintering of Flame-made Silica Nanoparticles" Mr. Stavros Tsantilis, Institute of Process Engineering, ETH Zürich
September 10 11.00h	"Synthesis of Bismuth Nanoparticles in a Hot Wall Reactor" Mr. Karsten Wegner, Institute of Process Engineering, ETH Zürich
September 17	"Precision Synthesis of NanoParticles in Electrically-Assisted Flame Reactors" Mr. Hendrik Kammler, Institute of Process Engineering, ETH Zürich
September 24	"Surface Growth and Coagulation of Polydisperse Aerosols" Prof. S.E. Pratsinis, Institute of Process Engineering, ETH Zürich
October 4 Monday	"Probing a SiO ₂ flame for particle mobility analysis" Dr. Georg Skillas, Institute of Process Engineering, ETH Zürich
October 8	"Coagulation and Sintering during Flame Synthesis of Silica" Prof. S.E. Pratsinis, Institute of Process Engineering, ETH Zürich
November 1 Monday	"Simulation of Titania Formation in Premixed Flames" Mr. Stavros Tsantilis, Institute of Process Engineering, ETH Zürich
November 4 Thursday	"Rheology of Concentrated Agglomerating Suspensions: Parameter Studies" Mr. Georg Bartholmes, Universität Karlsruhe, Germany
November 12	"Particle and Spray Dynamics" Mr. Oliver Wilhelm, Institute of Process Engineering, ETH Zürich
November 19	"Thermophonetic Sampling in Flame Reactors" Mr. Hendrik Kammler, Institute of Process Engineering, ETH Zürich
November 26	"Synthesis of Metal Nanoparticles" Mr. Bernie Walker, Diplomarbeit Progress, Inst. of Proc. Eng., ETH Zürich
December 3	"Synthesis and Evaluation of Novel Photocatalysts" Mr. Omri Senn, Chem. Eng., University of Cincinnati, USA
December 10	"Design of Electrically-Assisted Aerosol Reactors" Mr. Beat Borer, Institute of Process Engineering, ETH Zürich
December 17	"Scale up of Flame Reactors" Mr. Roger Müller, Institute of Process Engineering, ETH Zürich
January 14	Semesterarbeit Progress Seminars Mr. T. Schluchter and Mr. A. Wegmann, Inst. of Process Engineering, ETH Zürich
January 21	"Synthesis of Catalytic Nanoparticles" Ms. Sandra Foncillas, Chem. Eng'g. University Castilla, Spain
January 28	"Microreactors for Production of Nanoparticles" Mr. Karsten Wegner, Institute of Process Engineering, ETH Zürich