Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Particle Technology Laboratory
Institute of Process Engineering

Prof. Dr. S.E. Pratsinis
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Particle Technology Seminars (SS 2002)

Fridays 15.15-17.00; Room ML H 34.3, Sonneggstrasse 3, CH-8092 Zürich
Coordinator: Mrs. Ileana Eugster (eugster@ivuk.mavt.ethz.ch)

April 12	Functional Nanoparticles by Flame Spray Pyrolysis Dr. L. Mädler, Institut für Verfahrenstechnik, ETH Zürich
April 19	Flame Spray Pyrolysis Modeling investigating Synthesis of Silica inside an HMDSO/EtOH flame Mr. C. Anastassiou, Institut für Verfahrenstechnik, ETH Zürich
April 26	Flame-Nozzle Synthesis of Nanoparticles with Closely controlled Size, Morphology and Crystallinity. Dr. K. Wegner, Institut für Verfahrenstechnik, ETH Zürich
May 3	Electrospraying of thin films. Mr. O. Wilhelm, Institut für Verfahrenstechnik , ETH Zürich
May 17	Supported Platinium Catalysts made by Flame Spray Pyrolysis (FSP) Mr. R. Strobel, Diplomarbeit, D-CHEM, ETH Zürich
May 22 **Wednesday**, **14-16 h, ML H16**	Organic-Inorganic Hybrid Composites Prof. J. E. Mark, Department of Chemistry and the Polymer Research Center The University of Cincinnati, Cincinnati, OH, USA
May 24	Synthesis of Non-Agglomerated Fumed Silica Nanoparticles Dr. H. Kammler, Institut für Verfahrenstechnik, ETH Zürich
May 30 **Thursday, ML E13**	Flame-assisted synthesis of composite metal oxides and heterogeneous catalyst Prof. Tue Johannessen, Dept. of Chemical Engineering, TU Lyngby, Denmark
May 31	Aggregation and Fragmentation in Dilute and Concentrated Suspensions Dr. G. Barthelmes, Institut für Verfahrenstechnik, ETH Zürich
June 7	Rheological Investigations on Fumed Silica Suspensions Mr. T. Weber, Semesterarbeit, D-MAVT, ETH Zürich
June 14	Flame Pyrolysis Modeling by C. Anastassiou Compartmental Modeling / Agglomeration Mr. S. Ritschard, D-CHEM /Mr. Maurice Waldner, D-CHEM, ETH Zürich
June 21	Self-Organization in alkali-silicate networks Prof. P. Boolchand, University of Cincinnati, USA
June 28	Simulation of Synthesis of Titania Nanoparticles, at various TTIP Flowrates, in Electrically Assisted Flames Mr. S. Tsantilis, Institut für Verfahrenstechnik, ETH Zürich