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INFORMATION

VENUE

University of Hamburg
FB Chemie, Hörsaal B
Martin-Luther-King-Platz 8
D-20146 Hamburg

Further Details: www.chemie.uni-hamburg.de/pre07

DATES TO NOTE

April 10, 2007
Deadline for paper submission

End of May, 2007
Notification of acceptance and instructions

End of June, 2007
Final program available

ORGANIZATION

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LANGUAGE

The Workshop language will be English.

EXHIBITION

Parallel to the Workshop an exhibition will take place. The exhibition is close to the lecture and poster hall which allows an ideal integration of lectures, poster discussions and exhibition.

For further information please contact the organizer (strauss@dechema.de).

9th International Workshop on Polymer Reaction Engineering

October 7 – 10, 2007
University of Hamburg / Germany

Universität Hamburg

Call for Papers

www.dechema.de/pre07

INVITATION

Scientific progress in the field of polymer reaction engineering (PRE) is propelled by influences from a wide variety of academic disciplines, trade and industry as well as societal needs. The long tradition of the triennial workshop series is to present and discuss latest developments in fundamental and applied polymer reaction engineering. Emerging new concepts and promising developments are given special attention. Technologies from other fields of chemical engineering and industrial solutions in process and product development are discussed from a superior perspective.

Invited to the program are contributions from all aspects of polymer reaction engineering such as polymer thermodynamics, reaction mechanisms, kinetics, aspects of mixing, scale-up, modelling and simulation, safety, process optimization, product design and quality control. Additionally, the Scientific Committee identified a number of topics to reinforce at the Workshop, like high-throughput technologies, process intensification, micro-technology, process analytical technologies and nano-structured material.

DECHEMA Society for Chemical Technology and Biotechnology and The University of Hamburg cordially invite you to participate in the 9th International Workshop on Polymer Reaction Engineering in Hamburg/Germany.

TOPICS / ABSTRACTS

CONFERENCE TOPICS

- New catalysts and catalytic polymerization processes
- High-throughput technologies in PRE
- Process intensification and new reactor/process technologies
- Micro-technology in PRE
- Microwave assisted polymer reactions
- Development of environmentally benign polymerization processes (CO_2, ionic liquids, a.o.)
- Polymer thermodynamics
- Modelling and simulation for process development and control
- In-line and on-line process analytics
- Controlled radical polymerization
- Processes for nanoparticles, nanofilms and nanostructured polymer materials

SUBMISSION OF ABSTRACTS

The submission of abstracts proceeds via file upload at the website effective **from February 1, 2007 until April 10, 2007.**

Full information and submission:

www.dechema.de/pre07

The selection of the presentations (oral and posters) will be based on the review of 1-page abstracts (incl. figures) by the Committee.

KEYNOTE SPEAKERS

KEYNOTE SPEAKERS

Surface initiated polymerization on surfaces: nanocomposites, nanoparticles, devices
Prof. R. Advincula, University of Houston, TX/USA

Model based operation of polymer processes – what has to be done?
Dr. J. Bausa, BASF Aktiengesellschaft, Ludwigshafen/D

Thermodynamics of polymer mixtures from fluid theories
Prof. J. Gross, Delft University of Technology/NL

Micro process engineering for polymers and fine chemicals
Prof. V. Hessel, Institut für Mikrotechnik Mainz GmbH/D and Eindhoven University of Technology/NL

Polymerization and processing in supercritical fluids
Prof. S.M. Howdle, University of Nottingham/UK

High-solids waterborne polymer-clay nanocomposites
Prof. J.R. Leiza, The University of the Basque Country, San Sebastian/ES

Adaption of the mechanism of emulsion polymerization to new experimental results
Dr. K. Tauer, Max Planck Institute of Colloids and Interfaces, Golm/D

Catalysis and reactor technology of controlled/living radical polymerization
Prof. S. Zhu, McMaster University, Hamilton/CDN