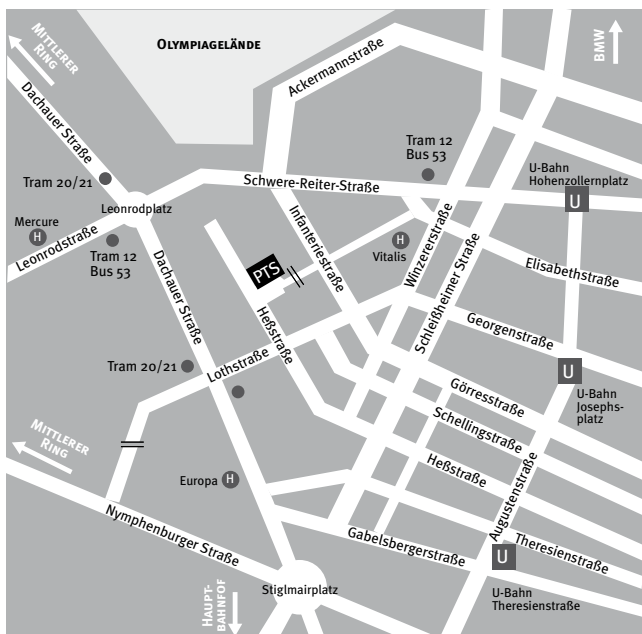


LOCATION



PTS is located in the centre of Munich, not far from the central train station. Please use either of the tramlines no. 20 or 21 from Munich central station and get off at Lothstrasse, from where it's just five minutes on foot to PTS.

Fees and cancellation

Registration fees are exempt from VAT. They include a buffet dinner, food and beverages in the conference breaks and the conference proceedings. Full cancellation refund available if PTS receives a written notification at the latest 7 days before the affair. After that date no refund will be given.

Accommodation

Please note that any special rates offered to registrants booking with a hotel direct at short notice are not our responsibility. Please contact Icontas-Hotelservice:

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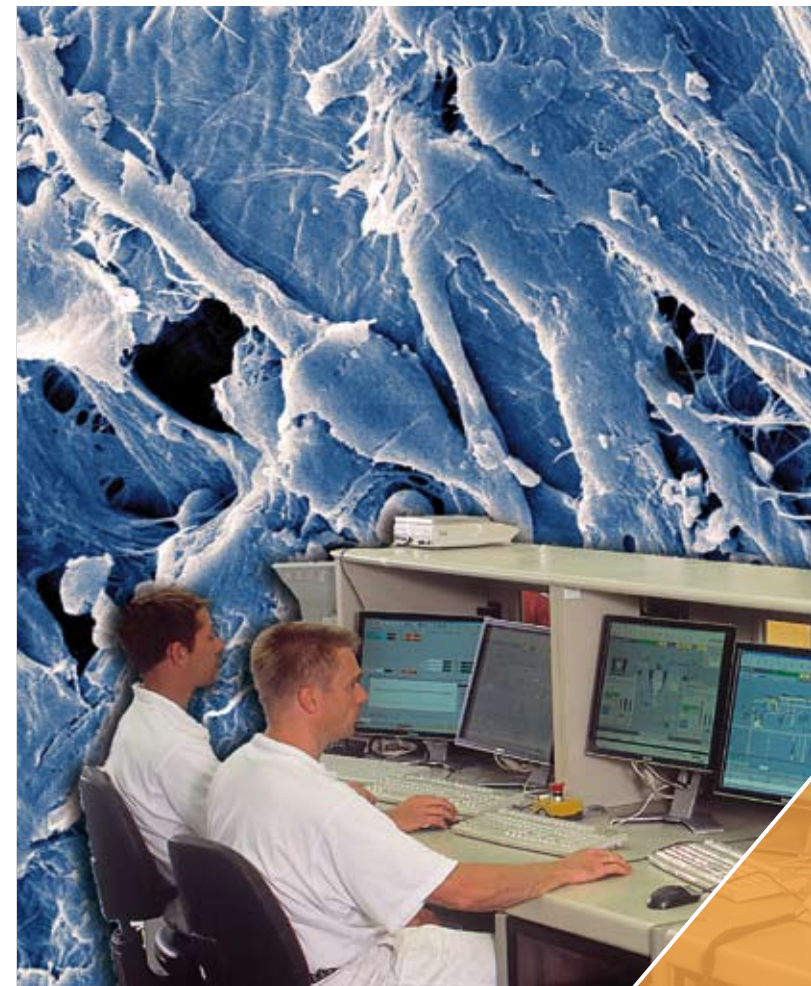
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**PTS SYMPOSIUM
 APPLIED INTERFACE CHEMISTRY**
 9 - 10 February 2010, Munich

PRELIMINARY PROGRAMME

ORGANISING COMMITTEE



Dr. Wolfram Dietz
PTS



Lydia Bley Christen
BTG



Dr. Reinhard Grenz
PTS

INTERNATIONAL SCIENTIFIC COMMITTEE

Angeles Blanco, Madrid, Spain

Elena Bobu, Iasi, Romania

Lars Wågberg, Stockholm, Sweden

Markus Biesalski, Darmstadt, Germany

Martin Hubbe, Raleigh, North Carolina, USA

Pedro Fardim, Åbo, Finland

This international conference promotes the exchange of most recent findings and developments regarding the understanding, improvement and targeted application of interface phenomena in paper and board production. The presentations will be scientifically founded and oriented towards or proven by industrial application. You can expect to meet lecturers and an audience of competent, highly interested specialists. All of them will be interested in innovation and in establishing contacts and partnerships.

TARGET GROUPS

Industry experts and developers from R&D and technology in the fields of paper production, chemical additives, microbicides, measuring equipment, automation, and machinery as well as researchers advancing the frontiers of knowledge in scientific and applied research.

WWW.INTERFACE-CHEMISTRY.COM

TUESDAY, 9TH FEBRUARY 2010**Water quality, detrimental substances and impurities**

- 09:00 Address of welcome
Frank Miletzky, PTS, Munich, DE
- 09:20 Use of colloidal gas aphrons for separation of water based printing inks and impurities from paper stock suspensions
Dennis Voss, Samuel Schabel, TU Darmstadt, DE
- 09:50 Influence of pulping chemistry on the release of contaminants in recycled paper production
Ruben Miranda, Angeles Blanco, Universidad Complutense de Madrid, ES
- 10:20 The effect of pH on the accumulation of detrimental substances in white waters
Jani Lehmonen, Juha Houni, Pasi Raiskinmäki, Lari Vähäsalo, Antti Grönroos, VTT, Jyväskylä / Åbo Akademi, FIN
- 10:50 Coffee break
- 11:15 Influence of water quality in the efficiency of retention aids systems used in the paper industry
Ruth Ordóñez, Daphne Hermosilla, Elena de la Fuente, Angeles Blanco, Universidad Complutense de Madrid, ES
- 11:45 Key Note
- 12:15 Lunch break

Measurement and process control

- 13:30 Monitoring, understanding, forecasting and controlling colloidal organics to improve runnability
R. Daniel Haynes, Eka Chemicals, USA-Marietta (GA)
- 14:00 Deposit analysis using Py-GC/MS data by an automatic database approach
Philip Wenig, Jürgen Odermatt, University of Hamburg, DE
- 14:30 Coffee break

Additives

- 15:00 Keynote
Lars Wågberg, Stockholm, Sweden
- 15:30 Papermaking bio-additives based on chitosan
Elena Bobu, Jacques Desbriers, Raluca Nicu, "Gheorghe Asachi" TU Iasi, RO / Université de Pau et des Pays de l'Adour, FR
- 16:00 Development and application of antifoams for the paper machine wet end
Andreas Baumann, S.A.K. Jeelani, I. Nägeli, C. Blickenstorfer, E.J. Windhab, ETH, Zurich / Kolb, Hedingen, CH
- 16:30 Interaction of cationic polysaccharides with paper and paper coating components
Sabine Genest, G. Petzold, S. Schwarz, Leibniz Institute of Polymer Research, Dresden, DE
- 17:00 Physico-chemical solutions to reduce deposit in paper machine via improvement of stickies and pitch stability
Jean-Francois d'Allest, Kemira, Sausheim, FR
- 19:30 Get-together at a traditional Bavarian restaurant

WEDNESDAY, 10TH FEBRUARY 2010**Application of additives and wet end optimization**

- 09:00 Key Note: Flocculation research – turning lab results into mill profit
Angeles Blanco, Universidad Complutense de Madrid, ES
- 09:30 Development of surface charge determination for the efficient use of wet strength agents – from choosing the suitable wet strength agents to process control
Dominik Stumm, Reinhard Grenz, Wolfram Dietz, Klaus Erhard, PTS, Munich and Heidenau, DE
- 10:00 Simultaneous feeding of filler and retention aid chemicals
Petteri Paananen, Jari Käyhkö, Lappeenranta University of Technology, FIN
- 10:30 Coffee break
- 11:00 The simultaneous dosage of retention aid and sizing chemicals
Katja Lyytikäinen, Petteri Paananen, Jari Käyhkö, Mikkeli University of Applied Sciences / Lappeenranta University of Technology, FIN
- 11:30 From stock preparation to the creped paper – a holistic approach to develop cost-effective solutions in tissue
Jerome Michaut and Roland Berger, BTG, Eclepens, CH and Herrsching, DE
- 12:00 ASA sizing – control of particle size, stability and hydrolysis
Emanuele Martorana, Jürgen Belle, Stefan Kleemann, University of Applied Sciences, Munich, DE
- 12:30 Lunch break

Surface modification

- 13:45 Key Note: Functional modification of the paper surface – towards new applications
Markus Biesalski, TU Darmstadt, DE
- 14:15 Tailoring surfaces by polymer grafting on paper, cellulose and related substrates
André Laschewsky, Joachim Storsberg, Erik Wischerhoff, Fraunhofer Institute for Applied Polymer Research, Potsdam, DE
- 14:45 Tailoring the surface of solid materials and paper by photochemical attachment of thin polymer films
Melanie Gattermayer, Markus Biesalski, TU Darmstadt, DE
- 15:15 Coffee break
- 15:45 Applied pulp fibre modification with carboxymethyl cellulose – from lab scale to practice
Tiemo Arndt, Klaus Erhard, PTS, Heidenau, DE
- 16:15 Prevention of deposits by the conditioning of press-felts
Alexander Wagner, I. Nägeli, Christoph Blickenstorfer, Kolb, Hedingen, CH
- 16:45 Closing