



Choose certainty.
Add value.



International Conferences

Plastic Materials in Plant Engineering

Experience and New Developments in the Industrial
Application of Thermoplastics and Linings

3rd International Conference
March 7 – 8, 2012, Munich, Germany

Sponsor:

SIMONA

TÜV SÜD Industrie Service GmbH
TÜV SÜD Akademie GmbH

TÜV®

About the conference

The 3rd conference "Plastic Materials in Plant Engineering" will be focused on practical experience with technical thermoplasts. As in former years the actual state of regulations will be presented. Latest developments and trends will be put up for discussion. Further key subjects are: tank and vessel construction and industrial piping systems.

You will benefit from reports of well-known companies and skilled experts. Take the chance to meet colleagues and to discuss latest findings! Furthermore inform yourself on services and products of various industry companies by visiting the exhibition.

The conference addresses to

- Plant design engineers and plant builders
- Manufacturers of chemical tank and equipment construction
- Manufacturers of pipe- and ventilation systems
- Engineers and designers
- Plant operators
- Manufacturers of raw materials and semi-finished products
- Research and development
- Government agencies and associations

Conference languages

German and English (simultaneous translation)
Simultaneous translation into Spanish and French will be offered from 15 participants on (per language).

Exhibition

Interested companies have the opportunity to present their products and services in the exhibition which will be held parallel to the conference. Reserve your booth today!



Akademie



www.tuev-sued.de/tagungen

Participation fee

€ 790,- plus current VAT (if applicable)

The registration fee includes conference documentation, lunch and drinks during breaks as well as the evening event on March 7, 2012.

Venue

TÜV SÜD · Auditorium Chiemsee
Westendstraße 199 · 80686 Munich, Germany

You will receive travel and hotel information with the confirmation of your registration.

Registration and information

TÜV SÜD Akademie GmbH
International Conferences
Susanne Hummler
Westendstraße 160
80339 Munich, Germany
Phone +49 89 5791-2846
Fax +49 89 5791-2833
congress@tuev-sued.de

Programme on Wednesday, March 7, 2012

- 9:30 **Welcome**
Marcus Demetz, TÜV SÜD Industrie Service GmbH,
Munich (DE)
- **Selection of material, design and implementation**
Chair: Dr. Marcus Hoffmann, SIMONA AG
- 9:45 **PVC-U and PVC-C in demanding industrial applications**
Dr. Wolfgang Frings, SIMONA AG, Kirn (DE);
Gulnara Omarbekova, Lubrizol Advanced Materials
Europa BVBA, Brussels (BE)
- 10:10 **Linings made from melt-extruded fluoropolymers for the
plant construction: materials and applications**
Dr. Mirko Lotz, Quadrant EPP AG, Lenzburg (CH)
- 10:35 **Thermoplastic materials in contact with strong acids
used in pickling applications**
Karin Jacobson PhD, Swerea KIMAB AB, Stockholm (SWE)
- 11:00 **Coffee break**
- **Industrial piping systems**
Chair: Thomas Böhm, Basell Polyolefine GmbH;
Frank Griebel, TÜV SÜD Industrie Service GmbH
- 11:45 **Leakage detection system for piping systems**
Paul Friederichs, Plasticon Europe B.V., Oldenzaal (NL)
- 12:10 **Permanent monitored polyolefin pipe systems –
function, applications and projects**
Dr. Thorsten Späth, egeplast Werner Strumann GmbH &
Co. KG, Greven (DE)
- 12:35 **Industrial valves made of thermoplastic materials:
design and application**
Dr. Rainer Pühringer, Praher Kunststofftechnik GmbH,
Schwertberg (AT)
- 13:00 **Lunch break**
- 14:00 **Polypropylen (PP-R) piping system applied for large scale
pure water treatment plants and distribution networks**
Albert Lueghamer, AGRU Kunststofftechnik GmbH,
Bad Hall (AT)
- 14:25 **Innovative application possibilities of PE –
examples for the usage in an industrial sewer system**
Gerd Stadler, Merck KGaA, Darmstadt (DE)
- 14:50 **Installation of a PE 100 exhaust air duct DN 2700 with
throttle valves and bellow expansion joints**
Torben Knöß, FRANK GmbH, Mörfelden-Walldorf (DE)
- 15:15 **Coffee break**
- 15:45 **SIMOFUSE – cost efficient joining technology
for industrial construction building**
Clemens Timm, SIMONA AG, Kirn (DE)
- 16:10 **Experiences and observations of repairs and welds made
in process equipment after some time in service**
Petter Bergsjö PhD, Swerea KIMAB AB, Stockholm (SWE)
- 16:35 **The truth about plastic materials in plant engineering**
Improvisational theater by 3schritt, Munich (DE)
- 17:20 **End of first conference day**
- 19:00 **Evening event**

Programme on Thursday, March 8, 2012

Legislation, standards and guidelines

Chair: Peter Schönbach, Borealis Polymere GmbH

- 8:45 Joining plastics technology – news from the DVS working groups
Ralf Lenk, FRANK GmbH, Mörfelden-Walldorf (DE)
- 9:10 Installations to handle water-endangering substances – change of legal conditions
Henrik Faul, TÜV SÜD Industrie Service GmbH, Mannheim (DE)
- 9:35 Handling of non-conformities with DIBt approvals
Frank Griebel, Kay Engel, TÜV SÜD Industrie Service GmbH, Munich (DE)
- 10:00 Coffee break

Tank and vessel construction

Chair: Dr. Jochen Coutandin, SIMONA AG;
Kay Engel, TÜV SÜD Industrie Service GmbH

- 10:30 Plastic Fuel Tanks (PFT) in automotive industry
Dr. Mark Polifke, MAGNA STEYR Fuel Systems GesmbH, Cologne (DE)
- 10:55 Extended application potential in tank and apparatus engineering by using PE 100-RC
Dr. Joachim Hessel, HESSEL Ingenieurtechnik GmbH, Roetgen (DE)
- 11:20 Application, research and assets of PE 100-RC in tank and apparatus engineering
Jens Velten, Weber Kunststoffhandel und -Verarbeitung GmbH, Velten (DE)

- 11:45 Design and construction details of storage tanks for hazardous liquids in seismic areas
Alexander Kalhammer, SK Schwaben-Kunststoff Chemietank- und Apparatebau GmbH & Co. KG, Langenneufnach (DE)
- 12:10 Coffee break
- 12:35 Structural analysis of thermoplastic tanks – consideration of external exposures like wind and snow in accordance with the new technical regulations
Wilhelm Waltemath, Engineering Consultant, Berlin (DE)
- 13:00 Proofs of structural safety for manholes in flat-bottom tanks made of thermoplastics
Dr. Jost Böttcher, LGA Landesgewerbeanstalt Bayern, Nuremberg (DE)
- 13:25 Project report: stability check of a biotrickling reactor
Dieter Müller, COLASIT AG, Spiez (CH)
- 13:50 Material efficiency in tank and apparatus engineering: processing and application of foamed polyolefin sheets
Dr. Marcus Hoffmann, SIMONA AG, Kirn (DE)
- 14:15 Summary and outlook, afterwards lunch

Committee

- Thomas Böhm, Basell Polyolefine GmbH
- Dr. Jochen Coutandin, SIMONA AG
- Kay Engel, TÜV SÜD Industrie Service GmbH
- Frank Griebel, TÜV SÜD Industrie Service GmbH
- Torben Knöß, FRANK GmbH
- Peter Schönbach, Borealis Polymere GmbH

Registration by Fax +49 89 5791-2833 or E-mail: congress@tuev-sued.de
and on www.tuev-sued.de/academy/conference_management

Plastic Materials in Plant Engineering

3rd International Conference, March 7 – 8, 2012, Munich, Germany

■ Name and Title (if applicable)

■ First Name

■ Company

■ Department

■ VAT No. (mandatory for EU member states excl. Germany). This number should be used for all services purchased from TÜV SÜD Akademie GmbH.

■ Street

■ Country / Zip Code / City

■ Phone

■ E-mail

Yes, I hereby agree to receive further information via E-mail via Phone

Note: According to Art. 28 BSDG (German Data Protection Act) you may withdraw your consent to the use of your personal data for advertising purposes by TÜV SÜD Akademie GmbH informally, at any time and free of charge. TÜV SÜD Akademie GmbH, AC-TuK, Westendstr. 160, 80339 Munich (Germany); E-mail: congress@tuev-sued.de; Fax: +49 89 5791-2833.

Invoice address (if different from above):

■ Name / Company

■ Address

Registration fee: € 790,- plus current VAT (if applicable)

Cancellation policy: Cancellation of registration up to 14 days prior to the event is free of charge. In case of cancellation beyond this deadline and up to the third working day prior the event, 50 % of the invoice amount is due for payment. In case of cancellation beyond this deadline or failure to participate in the event, the full amount of the invoice shall be due. I accept changes in the programme and the general terms and conditions of participation of TÜV SÜD Akademie GmbH.

■ Date

■ Signature