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International Conferences

FRP Unlimited

Experiences and developments with Fibre Reinforced
Plastics in industrial applications

8th International Conference
March 5 – 6, 2013,
Fürstenfeldbruck, Germany

Sponsors:

ASHLAND

AK
INDUSTRIEVEREINIGUNG
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ASSOCIATION OF REINFORCED PLASTICS

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The Conference

In many areas of plant engineering FRP materials have proven to be versatile construction materials with excellent performance. For the manufacturing of pipes, vessels and process equipment Fibre Reinforced Plastics have demonstrated over time they can fulfil exceptional and unique requirements and furthermore can expand the range of potential end-use applications, e.g. in the area of geothermal and wind energy.

Practical experience and reports on the day-to-day use with FRP components are the main focus of the Conference. Additionally news with regulations and standards as well as experience with "Life Cycle Analysis" are part of the programme.

Now for the eighth time plant designers, engineers, end-users and plant operators have the chance to inform themselves about the uses and new applications enabled by this "unlimited" material. The international Conference enriches your knowledge by meeting skilled experts and discussing latest findings! You will benefit from the experience of well-known companies from various industries!

The Conference addresses to

- Operators of industrial plants (chemical, power, water...)
- Plant designers and constructors
- Manufacturers of plastic vessels, process equipment and pipelines
- Companies involved in plant installation
- Consulting and engineering companies
- Authorities and associations

Chair

Dr. Uwe Bültjer, Technical Consultant Composites,
Ludwigshafen (DE)

Conference languages

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

Agenda on Tuesday, March 5, 2013

- 9:30 **Welcome**
Marcus Demetz, TÜV SÜD Industrie Service GmbH
- 9:45 **European composite market development and trends**
Dr. Elmar Witten, AVK – Federation of Reinforced Plastics, Frankfurt am Main (DE)
- 10:00 **The power of collaboration**
Georges Kappenstein, Ashland Composite Polymers, Kehl (DE)
- 10:25 **The correct choice of glass for corrosive environments**
Steve Cook, Owens Corning, Liverpool (UK)
- 10:50 **Turane technology and latest developments:
The resin solution for advanced composites.
Fatigue resistant polyesters.**
Luca Amato, DSM Composite Resins AG, Zwolle (NL)
- 11:15 **Coffee break**
- 11:45 **The corrosion approach in standardized corrosion
resistance testing of FRP. Alternative ways to predict
service life and corrosion resistance?**
Stefanie Römhild, Petter Bergsjö, Gunnar Bergman,
Swerea KIMAB AB, Stockholm (SE)
- 12:10 **Deep geothermal – a field of application for glass fibre
reinforced plastic pipes?**
Dr. Ralph Baasch, Innovative Energie für Pullach GmbH,
Pullach (DE)
- 12:35 **GRE bonded joints for high temperatures (e.g. geothermal)
as well as high pressures and their installation**
Kees Rookus, Future Pipe Industries B.V., Hardenberg (NL)
- 13:00 **Lunch break**
- 14:15 **Manufacturing high-performance composites by high-
pressure RTM process**
Raman Chaudhari, Fraunhofer-Institut für Chemische
Technologie ICT, Pfinztal (DE)
- 14:40 **Wind turbine rotor blades – challenges of experimental
proof levels**
Prof. Dr. Jens Ridzewski, IMA Materialforschung und
Anwendungstechnik GmbH, Dresden (DE)
- 15:05 **Approaches for the calculation of fatigue strength
of Fiber Reinforced Plastics**
Martin Schmalstieg, Achim Dörfler,
TÜV SÜD Industrie Service GmbH, Munich (DE)
- 15:45 **Coffee break**
- 16:15 **Rubber expansion joints in FRP pipelines –
theory and practice**
Christoph Adam, ditec Dichtungstechnik GmbH, Kitzingen;
Michael Jung, TÜV SÜD Industrie Service GmbH,
Munich (DE)
- 16:50 **Stay competitive in high cost countries by lean excellence**
Dr. Oliver Prause, Institut für Produktionserhaltung e.V.,
Gauting (DE)
- 17:35 **End of first conference day**
- 19:15 **Evening event**



Agenda on Wednesday, March 6, 2013

- 8:30 GRP pipe systems: life cycle analysis and impact indicators
Victor Vladimirov, HOBAS Engineering GmbH,
Klagenfurt (AT)
- 8:55 Explanations to the revision of EN13121-3 and its applications
Prof. Dr. Gottfried Nonhoff, Roetgen; Fabian Lux,
Christen & Laudon GmbH, Bitburg-Staffelstein (DE)
- 9:20 First DIBT-permission for GRP structural profiles.
Application and advantages in construction practice
Christian Scholze, Fiberline Composites A/S,
Middelfart (DK)
- 9:45 Coffee break
- 10:05 Endurance regression testing
David Granderson, NOV Fiber Glass Systems,
San Antonio, TX (USA)
- 10:30 Low noise cooling fans made of FRP
Marco Olde Heuvel, Howden Cooling Fans, Hengelo (NL)
- 10:55 New Liner generation for sewer rehabilitation developed
"Brandenburger-Schlauchliner BB 2.0"
Rüdiger Kinzebach, Brandenburger Liner GmbH&Co. KG,
Landau (DE)
- 11:20 Experimental and computational investigations of fittings
made of fiberglass
Prof. Dr. Gottfried Nonhoff, Roetgen (DE), Thomas Simoner,
HOBAS Engineering GmbH, Klagenfurt (AT)
- 11:45 Coffee break



- 12:15 Development and construction of GRP transmission pipelines for raw water application
Dr. Matthias Geisendörfer, infraprojekt Ingenieur GmbH,
Cottbus (DE)
- 12:40 Plasticon composite's next generation on site winding technology for large FRP components like chimneys, gas ducts, tanks or large diameter pipe systems
Cor Rensen, Plasticon Composite, Oldenzaal (NL)
- 13:05 Large diameter, large scale GRP pipe and fittings installations in the Middle-East
Högni Jónsson, Flowtite Technology A/S,
Sandefjord (NO)
- 13:30 Lunch / end of the conference

Committee

- Marcus Demetz, TÜV SÜD Industrie Service GmbH, Munich (DE)
- Norbert Hög, Ashland Composite Polymers, Offenburg (DE)
- Ludo Hart-de-Ruijter, DSM Composite Resins, Schaffhausen (CH)
- Thomas Hoffmann, Amitech Germany GmbH, Mochau (DE)
- Gunther Kuhn, TÜV SÜD Industrie Service GmbH, Munich (DE)
- Thomas Simoner, HOBAS Engineering GmbH, Klagenfurt (AT)
- Dr. Elmar Witten, AVK – Industrievereinigung Verstärkte Kunststoffe e.V., Frankfurt am Main (DE)

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/academy/congress

Participation fee

€ 810,- plus current VAT (if applicable)

The registration fee includes conference documentation, lunch and drinks during breaks as well as the evening event on March 5, 2013.

Conference venue

Veranstaltungsforum Fürstenfeld
Fürstenfeld 12 · 82256 Fürstenfeldbruck, Germany

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

Registration and information

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

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

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I am interested in a simultaneous translation to French Spanish

Invoice address (if different from above):

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■ Address

Registration fee: € 810,- 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