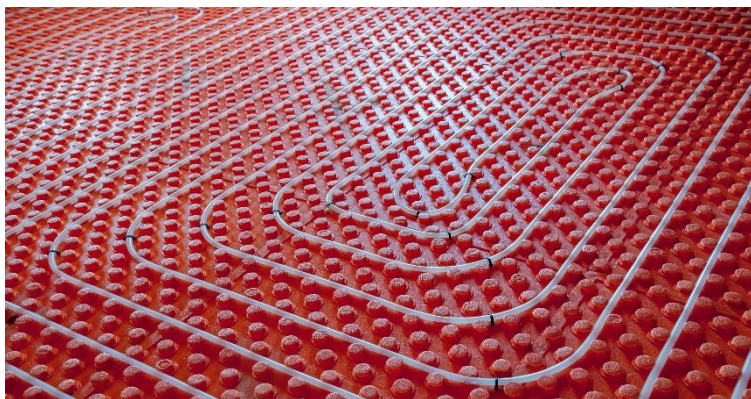
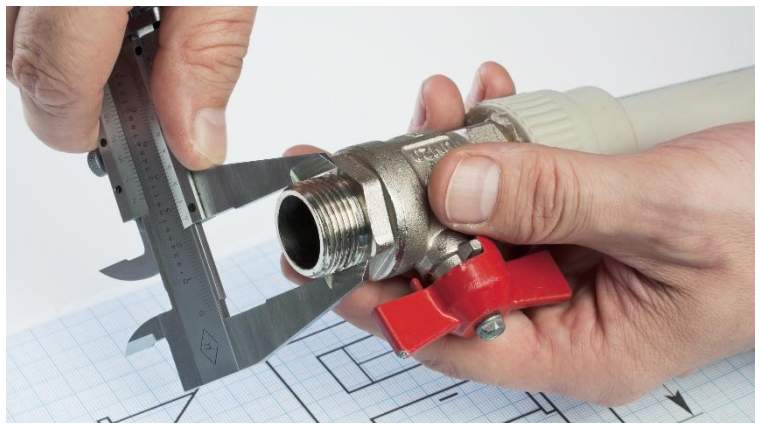


***** PLASTIC PIPES 2017 ***** INSIDE BUILDINGS

The international conference focusing on developments
in above ground, indoors plastic pipes & fittings

16-18 October 2017, Lindner City Plaza Hotel, Cologne, Germany

Visit www.plastic-pipes.events for more information!



Organised by:



Sponsored by:



PIPING HOT!

A large, complex market

Constructing a modern building always involves the installation of ample lengths of pipe, serving a broad array of purposes:

- Hot and cold drinking water plumbing;
- Radiator connections;
- Hydronic radiant heating & cooling systems: underfloor heating, ceiling cooling, in-wall heating/cooling (including systems based on thermal mass, solar and geothermal heat pumps);
- Removal of soil and waste water;
- Supply of gas for heating and cooking;
- Supply of water for sprinklers and fire-fighting;
- Electrical conduits and ducts;
- Ventilation and air-conditioning;
- Distribution of compressed air and/or vacuum.

Many of these are relatively new applications. Others used to be based on pipe systems made of metals and other traditional materials. Increasingly, however, polymers are used to manufacture such pipe systems. Plastic pipes offer light weight, design flexibility, fast installation, resistance to corrosion, superior sustainability and cost effectiveness.

An innovative, dynamic industry

Few outsiders realise how complex this industry is. It utilises many various types of thermoplastic resins to manufacture pipes and accessories. Often different thermoplastics (and other materials, such as aluminium and reinforcing fibers) are used in the same product, in multi-material, multi-layer, composite structures. Polymeric materials frequently used in such applications include PEX, PE-RT, polypropylene, PVC and C-PVC, EVOH, HDPE, ABS, various polyamides, as well as high performance polymers such as PVDF, PSU, PPS, PPSU, etc.

This is an industry that constantly develops and innovates. There are advances in additives, raw materials, component and system design, machinery and process, testing and quality assurance. Further innovation occurs in response to new market needs (such as new applications) and ever more exacting customer requirements. Many of these innovations, for instance, provide solutions to the search for sustainability; others address the needs of customer and installers – especially faster and more reliable installation, as well as longer service life.

A captivating conference

As a rule, plastic pipes conferences focus on large diameter, infrastructure pipes, which are typically installed underground. Plastic pipes installed above ground, inside buildings are a different category – with a different set of requirements, a largely separate, dedicated supply chain and a different set of customers. Smaller diameter pipes used inside buildings can be and are exported over longer distances, which gradually engender an international, global approach.

This complex, sophisticated global industry deserves a dedicated event. The annual **Plastic Pipes Inside Buildings** conference aims to become such an event. It will bring together in an ideal setting the various links in the supply chain, enabling them to network, interact, exchange views and initiate new collaborations.

CONFERENCE SPONSORS

Lanyards sponsored by

lyondellbasell

Conference bag sponsored by

SILON

Lunch sponsored by:

+GF+



Coffee break sponsored by

aquatherm
state of the pipe

The conference will start on 16 October 2017 with an evening **Networking Cocktail Reception**. The **presentations programme** will take place on 17 & 18 October (morning and afternoon). The **Conference Dinner** will take place on 17 October.

A limited number of table-top display spaces are available in the coffee breaks foyer directly outside the conference room. The **table-top exhibition** offers brilliant opportunities to highlight a company's products and capabilities.

In addition, a small number of **sponsorship opportunities** are available. Sponsorships highlight a company's industry position and help promote the sponsor's products/services to a highly relevant international audience. For further information, please contact the organisers on: marketing@plastic-pipes.events or +44 (0) 1923 251 949.

FIVE GOOD REASONS TO ATTEND

1. Review current & future **market trends**
2. Assess the latest **innovations** in material, machinery, process & product design;
3. Learn about relevant developments in **customer requirements & regulation**
4. Exchange opinions with **key industry participants**
5. **Network** in a relaxed atmosphere with colleagues, customers & suppliers

Plastic Pipes Inside Buildings 2017

is organised by **NORTAL**, a business consultancy specialising in the polymers & plastics industry. The conference will be chaired by Mr. Noru Tsalic. A polymers and plastics industry professional with broad expertise and more than 25 years experience, Mr. Tsalic has successfully developed and chaired numerous similar events.



CONTACT US



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United Kingdom



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sg@plastic-pipes.events

Plastic Pipes Inside Buildings 2017

MONDAY 16 OCTOBER 2017

18:00 – 20:00 Registration
09:00 – 20:00 Networking Cocktail Reception

TUESDAY 17 OCTOBER 2017

08:00 – 09:00 Registration, welcome coffee
09:00 – 09:10 Opening announcements

Market review

09:10 **Trends & developments in the global market for hot & cold water pipes**
Mr. Noru Tsalic, CEO, NORTAL CONSULTING

Session 1: Quality Assurance & Sustainability

09:40 **4 Steps to integral drinking water hygiene**
Mr. Peter Schaub, Global Market Segment Manager Building Technology, GEORG FISCHER PIPING SYSTEMS LTD.
10:10 **Pipes and the planet: the environmental impact of plastic pipes in buildings**
Mr. Oliver Bannert, International Product Manager In-House Systems & Sustainability Manager, PIPELIFE INTERNATIONAL GMBH

10:40 – 11:10 Coffee break

11:10 **Noise behaviour of wastewater pipe systems**
Mr. Bernd Kaltbeitzel, Research Associate – Building Acoustics, FRAUNHOFER IBP
11:40 **Voluntary certification – the proof of product quality**
Mr. Anton Wohlgemuth, Manager Water Products Certification, DVGW CERT GMBH

Session 2: Innovation in Materials

12:10 **Crosslinked PE for hot and cold water piping systems – a comparison of technologies**
Dr. Holger Bruening, Application Development & Technical Service, LYONDELLBASELL

12:40 – 14:00 Lunch sponsored by: **+GF+**

14:00 **Influence of chemical disinfection on hot & cold water piping systems**
Mr. Dieter Scholz, Technical Key Account Manager, SILON
14:30 **Innovative applications with polybutene**
Mr. Christian Engel, Director, POLYBUTENE PIPING SYSTEMS ASSOCIATION and THERMAFLEX

15:00 – 15:30 Coffee break

15:30 **The Intelligence On Things: novel anti-counterfeiting technique for plastic pipes**
Mr. Nadav Goldstein, VP Business Dev. & Innovation, KAFRIT GROUP
16:00 **Polymer solutions in domestic water management**
Mr. Hans Pierik, Global Marketing Manager Pipe & Utilities, SABIC
16:30 **Metal replacement in water, heat & other meters: what added value can the High Performance Polymers bring?**
Dr. Ing. Philippe Martin, Customer Technical Development EMEA, SOLVAY SPECIALTY POLYMERS

20:00 – 22:00 Conference Dinner (speakers & dinner registrations only)

WEDNESDAY 18 OCTOBER 2017

08:30 – 09:00 Registration, welcome coffee
09:00 – 09:10 Opening announcements

Morning mini-session 3: An Installer's View

09:10 **Problems with soldering copper pipes; plastic pipes as solutions**
Dr. Simon Reddy, Lecturer in Plumbing & Building Technologies, CITY COLLEGE PLYMOUTH & UNIVERSITY OF PLYMOUTH

Session 4: Pipework design and installation

09:40 **Using BIM to bring Hot & Cold system design to the next level**
Mr. Jan Elenbaas, Business Unit Director Hot & Cold Systems, WAVIN BV
10:10 **Novel, safe and cost effective jointing system for multilayer pipes**
Mr. Kees van der Donk, CEO, SMARTWELD BV

10:40 – 11:10 Coffee break sponsored by  **aquatherm**

11:10 **How PP-R pipes can maximize efficiency: from design to installation to operating costs**
Mr. Jorge Quintana, Export Director, AQUATHERM GMBH

Session 5: Novel Applications

11:40 **Heating and cooling with geothermal systems**
Mr. Alfons Ebnöther, Export Manager, HAKAGERODUR AG
12:10 **An innovative polymer radiator platform for heating and cooling**
Mr. Roland Diethelm, Head of R&D Competence Center Radiators, ZEHNDER GROUP INTERNATIONAL AG

12:40 – 14:00 Lunch

14:00 **An innovative concept with glass fiber reinforced polyamide modules creating versatile manifolds for heating and cooling applications**
Mr. Richard W.J.P. Bijlard, Marketing Director, U-TUBE SYSTEMS BV

Session 6: It's all about the Future

14:30 **What will the future bring to this industry?**
Q & A session with a panel of experts including:
Mr. Oliver Bannert, International Product Manager In-House Systems & Sustainability Manager, PIPELIFE
Mr. Jan Ellenbaas, Business Unit Director Hot & Cold Systems, WAVIN
Mr. Peter Schaub, Global Market Segment Manager Building Technology, GEORG FISCHER
Dr. Simon Reddy, Lecturer in Plumbing & Building Technologies, CITY COLLEGE & PLYMOUTH UNIVERSITY

15:20 – 15:30 Closing remarks

15:30 – 16:00 Farewell coffee

16:00 Conference ends, **see you in 2018!**

The conference organisers reserve the right to alter the programme without notice. The latest programme can be viewed on the conference website www.plastic-pipes.events.

REGISTRATION FORM	Plastic Pipes Inside Buildings 2017
Company: _____ Address: _____ _____ Post code: _____ Country: _____ VAT #: (only for EU companies) _____ Company activity: _____ Purchase order # (if applicable): _____ Invoice address (if different from above): _____ _____ Signature: _____ Date: _____	<div style="text-align: center; border-bottom: 1px solid black; margin-bottom: 10px;"> CONFERENCE INFORMATION </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>When: 16-18 October 2017</p> <p>Where: Lindner City Plaza Hotel Magnusstraße 20 D-50672 Köln (Cologne) Germany</p> <p>Tel: +49 (0)221 2034 700 Fax: +49 (0)221 2034 777 E-mail: info.cityplaza@lindner.de</p> </div> <div style="width: 35%; text-align: center;">  </div> </div>
DELEGATE DETAILS Title: _____ First name: _____ Surname: _____ Position: _____ Tel: _____ Mobile: _____ E-mail: _____ Dietary/other special requirements: _____ _____ _____	DESIGNED FOR LEARNING & NETWORKING <p>The combination of professional and social sessions provides a perfect setting. Ensure you are at the market's cutting edge in terms of knowledge, while meeting key industry participants in an ideal, relaxed atmosphere.</p> <p>Circa 20 papers will be delivered as part of the two-day professional programme. Presentation sessions alternate with coffee and lunch breaks – superb opportunities to exchange opinions with speakers and other attendees. The Cocktail Reception (16 October) and Conference Dinner (17 October) provide additional networking opportunities.</p>
SERVICES & COSTS Admission fee <i>(please fill-in the amount)</i> Until 9 June 2017: €890+€169.10**=€1059.10 € _____ After 9 June 2017: €1090+€207.10**=€1297.10 € _____ Conference Dinner Takes place on 17 Oct. 2017: €75+€14.25*=€89.25 € _____ Table-top display package <i>(includes 1 delegate admission fee)</i> Companies resident outside Germany Until 9 June 2017: €1200+€169.10**=€1369.10 € _____ After 9 June 2017: €1400+€207.10**=€1607.10 € _____ Companies resident in Germany Until 9 June 2017: €1200+€228*=€1428 € _____ After 9 June 2017: €1400+€266*=€1666 € _____	PROMOTE YOUR COMPANY <p>Sponsorships are brilliant ways to generate awareness to your company's position in the industry, as well as to promote its products and services. Please contact us to learn about available sponsorship opportunities.</p> TABLE-TOP EXHIBITION <p>Table-top displays are excellent value for money, as each includes the admission fee for 1 delegate. Exhibitors typically use special tables provided by the hotel. Please check with us first if you wish to bring your own stand or display.</p> ADMISSION <p>The admission fee includes attendance at all conference sessions, the Networking Cocktail Reception, lunch and coffee breaks on both conference days, as well as a set of conference proceedings.</p> ACCOMMODATION <p>Lindner City Plaza is a modern, trendy hotel, only a few minutes' walk from Cologne's renowned Cathedral and from the Rhine.</p> <p>Attendees are responsible for booking their own accommodation. The organisers have negotiated a limited number of rooms at the rate of €149 for a single and €179 for a double (including VAT, breakfast and use of fitness facilities). To book at this reduced rate, please e-mail or call the hotel directly, quoting "PIIB 2017".</p> CANCELLATION POLICY <p>Registrations can be cancelled prior to 16 June 2017, in which case the admission fee will be refunded, less a processing fee of €200. Regretfully, cancellations cannot be accepted and refunds cannot be made after that date. However, substitutions with other attendees from the same company will be accepted. Cancellations of table top bookings and sponsorship packages are not possible.</p>
PAYMENT OPTIONS <i>(please tick one)</i> By bank transfer <i>(details will be e-mailed)</i> <input type="checkbox"/> By credit card <i>(link for secure payment will be e-mailed)</i> <input type="checkbox"/> <i>Accepted: most common credit and debit cards</i> Name <i>(if different from the delegate)</i> _____ E-mail <i>(if different from the delegate)</i> _____	ADDITIONAL INFORMATION <p>Please visit www.plastic-pipes.events, call us at +44(0)7702784375 or e-mail your questions to nt@plastic-pipes.events.</p>
Remarks * 19% German VAT ** 19% German VAT partially applicable	