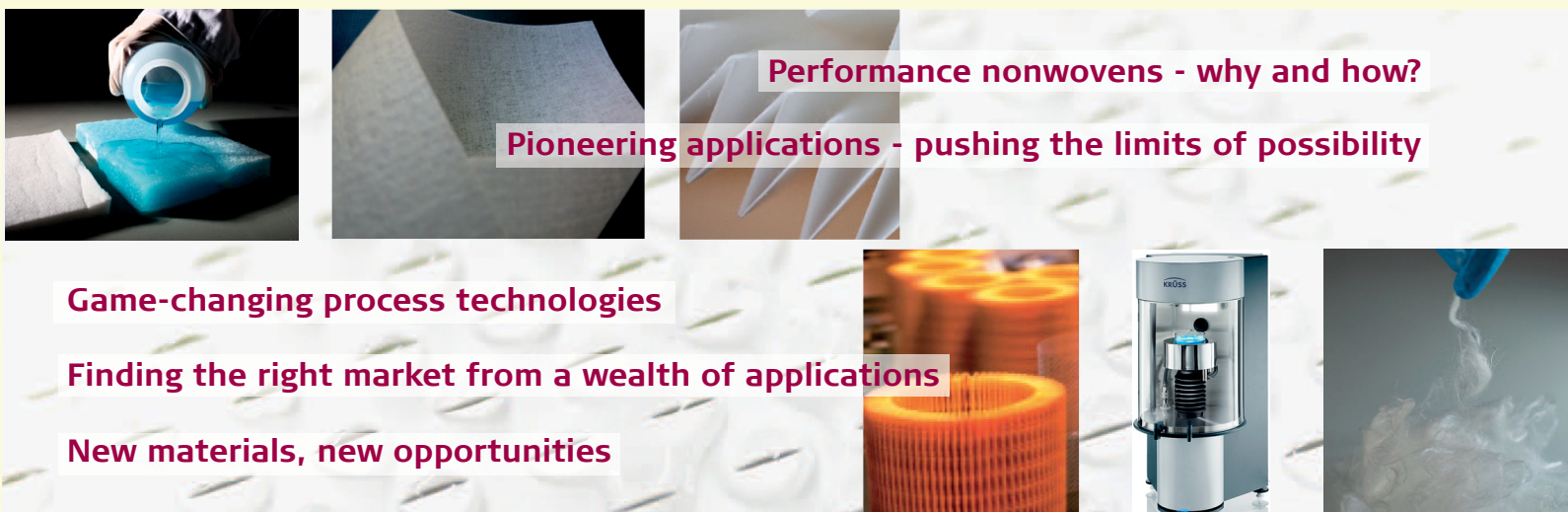


A commercially focussed, practical symposium from International Newsletters

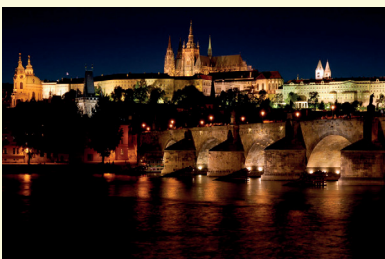
The Third International Conference on Nonwovens for High- Performance Applications

7-8 March 2017, Prague, Czech Republic



Programme highlights include: How a traditional textiles company transformed into a leader in engineered nonwovens ♦ Flexible circuit boards based on advanced nonwoven substrates

- ♦ Nonwovens for energy storage ♦ Nonwovens from recycled carbon fibres for automotive use
 - ♦ Filtration applications ♦ Superabsorbent fibres ♦ New production technologies for nanofibre nonwovens
- and much more - see inside for the full Programme**



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IN

Why 'Nonwovens for High-performance Applications'?

A high-level, commercially focussed meeting, 'Nonwovens for High-performance Applications' addresses the issues of entering and expanding in the advanced nonwovens market.

- Nonwovens for High-performance Applications is a unique symposium designed to give delegates practical advice and ideas for taking advantage of the commercial opportunities of these exciting materials and technologies.
- As some advanced nonwovens start to become commoditised, NHPA2017 examines new areas of application to keep ahead of the competition.
- A balance between industrial innovation and ongoing research, NHPA2017 showcases technological developments and end-use requirements in materials and processes which drive growth in advanced nonwovens.

Conference presentations will:

- Describe the way companies have exploited and developed these markets
- Analyse the growth of different markets, by market area and by region
- Outline new technologies, manufacturing techniques and materials

This conference is a valuable and unique opportunity to co-locate different strands of the global industry together in one venue.

Why should you attend?

- **Is your company concerned about low-cost competition** and slow growth rates for your standard or advanced nonwoven products?
- **Does your company want to take more advantage of the high growth and financial returns** available from technical nonwovens for high-performance applications?
- **Do you want to hear direct from those who have achieved this**, and suppliers and researchers that can help your company?
- **Are you a supplier, analyst or potential end-user** of these kind of materials and want to know what opportunities are presented by the move to technical nonwovens?

If any of the answers are YES, then you need to attend

Conference chairman and organisers

Adrian Wilson is an analyst and writer specialising in the textiles, nonwovens and composites industries. He currently edits *Sustainable Nonwovens and Smart Textiles and Nanotechnology*, while contributing to many other industry titles. **International Newsletters** publishes *Technical Textiles International* magazine and has organised many conferences in the field of technical textiles and related materials, including How to Enter Technical Textiles Markets, and the Textile Coating and Laminating (TCL) series.

Venue, accommodation and travel

Venue: The venue for the 2017 meeting is the 4-star Hotel Novotel Praha Wenceslas Square, Prague, Czech Republic, on **7-8 March 2017**. The hotel is ideally located in the centre of Prague just a short walk away from the National Museum and many other places of interest. The hotel has WIFI, an indoor heated pool and sauna. Parking is available. The hotel is a modern and comfortable location for presentations, discussions and networking. A special discounted conference room rate has been negotiated (please refer to back page of brochure for more details).

Travel information: Václav Havel Airport is only 15km from the conference venue. Taxis are plentiful and reasonably priced and there are buses and airport shuttles to central Prague.

Event sponsors



PROGRAMME

Conference Chairman: Adrian Wilson, Industry Analyst and Writer, UK



Day One: 7 March 2017

Session One:

Performance nonwovens - why and how?

Introduction, aims and themes of the conference **Adrian Wilson** *Chairman*

Keynote: How a traditional German textiles company transformed itself into a 21st Century leader in engineered nonwovens and technical textiles
Detlev Käppel *Tenowo GmbH (Germany)*

Plenary: Findings from two major market studies on nonwovens **Adrian Wilson**

Session Two:

Pioneering applications - pushing the limits of possibility

Plenary: Nonwovens for energy storage
Hjalmar Granberg *Innventia (Sweden)*

Plenary: Flexible circuit boards based on advanced nonwoven substrates
Marc Jolly and Friedhelm Jacobi *Norafin (Germany)*

Session Three:

Game-changing process technologies

An overview of recent developments in the production technologies for nanofibres for high performance nonwovens

Stanislav Petrik *Institute for Nanomaterials, Technical University of Liberec (Czech Republic)*

Spunmelt technology for geotextile and filtration

Ingo Mählmann *Oerlikon Neumag (Germany)*

Industrial nanofibre production for air filtration and performance apparel

Ivan Ponomarov *ELMARCO s.r.o. (Czech Republic)*

The advantages of a novel airlaid process for web formation

Shashank Shekhar *Rando Machine Corp (USA)*

Increasing quality, improving production efficiency: Optical inspection of nonwovens to meet the highest demands

Guido Maas *Isra Surface Vision (Germany)*

The role of automatic optical inspection of webs for automotive applications

Hans Örley *Dr Schenk (Germany)*

Surface science for better optimizing functional coatings on nonwovens and technical textiles

Daniel Frese *Krüss GmbH (Germany)*

Day Two: 8 March 2017

Session Four:

Finding the right market from a wealth of applications

Keynote: How Europe's booming composites markets create new opportunities for fibre-based reinforcements

Michael Effing *Composites Germany, AVK & AMAC GmbH (Germany)*

Nonwoven textiles made with recycled carbon fibres for automotive applications

Anthony Stevenson *ELG Carbon Fibre (UK)*

Winning the battle for infection control with nonwovens

Matthew Tipper *NIRI Ltd (UK)*

Nonwovens for the reactive filtration of exhaust air in waste water treatment plants

Christian Möbitz *ITA, RWTH Aachen University (Germany)*

Fibrillated lyocell fibre in filtration applications

Andy Slater *Lenzing Fibers Grimsby (UK)*

Session Five:

New materials, new opportunities

Washable superabsorbent fibre nonwoven technology and its high-performance applications

James Docherty *Technical Absorbents Ltd (UK)*

New fluorocarbon developments in medical, automotive and filtration applications

Fikri Alemdaroglu *Daikin Chemical (Germany)*

Nonwoven-based composite reinforcements with optimised structures

Claus Lütke *ITA, RWTH Aachen University (Germany)*

Recycling, separation, blending and web formation - alternative materials for lightweight construction

Marcel Hofmann *Saxon Textile Research Institute (STFI e.V) (Germany)*

What next?

Looking forward to INDEX and Techtex 2017

Adrian Wilson *Technical Textiles International/Sustainable Nonwovens (UK)*

Programme subject to change - for the latest information please visit the conference website at www.intnews.com/NHPA

Responses to NHPA2015

* This conference is one of the best global networks for high-performance nonwovens *

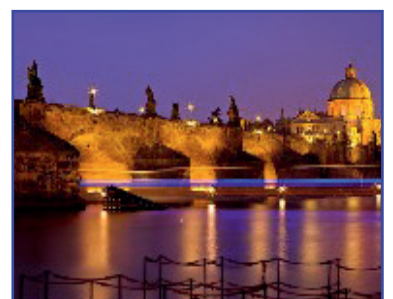
* Truly a conference for companies that are in the business of making things *

* A refreshing and informative 2 days that flew by with many interesting leads to follow up *

* The speakers and content they shared were very relevant to the challenges we face as an industry. Furthermore, the explanation of potential high performance NW opportunities and chance to network also made this event meaningful *

* A good platform for meeting, learning and discussing new opportunities for NW in various markets. I went back with lots of new ideas *

93% rated the meeting good or excellent and would attend again



Delegate Registration Form

(for multiple delegates please copy form and submit together)

Name:	Job Title:
Organisation:	VAT number:
Address:	
Country:	Postcode:
Tel:	Fax:
Email:	
Special requirements/diet:	

Registration Fees

Fee includes full conference documentation, refreshments, lunches and conference reception

	EUR	US\$	£
EARLY-BIRD RATES (payment MUST be received by 19 December 2016)			
<input type="checkbox"/> CONFERENCE REGISTRATION	1040	1180	740
<input type="checkbox"/> EVENT SPONSORSHIP (includes registration)	2265	2410	1615
FULL RATES (payments received after 19 December 2016)			
<input type="checkbox"/> CONFERENCE REGISTRATION	1150	1310	820
<input type="checkbox"/> EVENT SPONSORSHIP (includes registration)	2375	2540	1695
TOTAL (please indicate preferred payment currency)			

* Discounts available for 3 or more delegate registrations, please enquire to sales@intnews.com

Event sponsorship (places are limited, early booking advised) includes:

- Logo and credit as event sponsor on web brochure, email (guaranteed minimum 30,000 worldwide)
- Banner and link on conference website
- Table top display at conference in delegates' refreshment area
- Delegate registration for one person

Evening Reception sponsorship (only 1 available) please enquire to sales@intnews.com for full details

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- I enclose a cheque payable to International Newsletters Ltd (EUR, US\$ or £ only)
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Any remittance sent but not received by the time of the conference must be paid again at the Registration Desk. We will refund you later.

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For updated information or to book online visit the conference website: www.intnews.com/NHPA

Hotel contact details: The organisers have negotiated a special rate at the conference venue (until 6 February 2017). To take advantage of this rate delegates should contact the hotel and quote 'NHPA2017'. Contact: Reservation Department, Novotel Praha Wenceslas Square, Katerinska 38, 120 00 Prague 2, Czech Republic, Tel: + 420 266 000 388, Fax: + 420 266 000 247, Email: Prague.Reservation06@accor.com. To book please use the form that can be found on the conference website at www.intnews.com/NHPA

Terms and conditions - please read before booking

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