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

www.intnews.com/NHPA
**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

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**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**

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**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.

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**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.

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**Event sponsors**
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 Orley Dr Schenck (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 Techtextil 2017 Adrian Wilson Technical Textiles International/Sustainable Nonwovens (UK)

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

Responses to NHPA2015

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

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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

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* Euro payments cannot be processed via American Express – these cards will be charged in Sterling at the prevailing exchange rate

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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

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All bookings received are binding, but delegates may be substituted at any time. Fee refunds for cancellations will be given on the following scale:
- within 2 weeks of booking and before 6 February 2017: 100%;
- more than two weeks and before 6 February 2017: 80%;
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