

SPONSORED BY



NONWOVENS RESEARCH ACADEMY

HOSTED BY

swerea|IVF

19 & 20 April 2012

Hotel Riverton AB
Gothenburg | Sweden

EDANA is pleased to announce that the Nonwovens Research Academy (NRA) will return in 2012 following its success in Aachen in 2010

The 2012 event will be hosted by Swerea IVF with visits of their facilities as well as selected departments of Chalmers University

ACADEMY TOPICS INCLUDE

- Sustainability (concepts, measurements, environmental evaluations including LCAs) ◀
- Renewable/bio-based materials ◀
- Nonwoven & polymer fibre technology developments ◀
- Modelling & testing ◀
- Nanotechnology ◀
- Advances in absorption technologies ◀

ORGANISED BY



THE INTERNATIONAL ASSOCIATION SERVING THE NONWOVENS AND RELATED INDUSTRIES



ABOUT EDANA'S NONWOVENS RESEARCH ACADEMY

EDANA's Nonwovens Research Academy aims to promote fundamental understanding and knowledge of the science and technology of nonwoven fabrics, products and processes, as well as related disciplines.

The Academy will bring together an interdisciplinary group of academics, students, researchers, scientists and engineers to present and disseminate pre-competitive and post-competitive research studies relevant to the nonwovens industry.

The intention of the Nonwovens Research Academy is to provide a forum for the exchange of ideas and research results and to encourage the development of technical understanding and knowledge that will help to support the growth of the nonwovens industry in the future.

The Nonwovens Research Academy rotates annually between centres of nonwovens excellence, with an initial focus on Europe and particular emphasis on the host's area of expertise and current research projects.

Any research or academic institute or university department interested, is invited to join this network of nonwovens centres of excellence.



HOW TO APPLY?

Abstract should be submitted by 9 December 2011 to:
helene.colbach@edana.org

RESEARCH TOPICS

The research areas to be covered during the Academy should relate to at least one of the following processes, products or performance-related aspects of nonwovens science and technology:

- ▶ Polymer science and technology
- ▶ Fibre science and technology
- ▶ Advances in pulp and cellulose technologies
- ▶ Mechanics of web formation and bonding
- ▶ Engineering design of nonwoven fabrics
- ▶ Functional fabric finishes and treatments
- ▶ Property or process modelling
- ▶ Structure-property relationships in nonwoven materials
- ▶ Testing and characterisation of nonwoven fabrics
- ▶ Methods of nonwoven fabric manufacture and conversion
- ▶ Recycling, re-use and sustainability
- ▶ Studies of nonwoven fabric properties, performance and function in specific applications (for example in medical, hygiene, automotive and transportation, civil engineering, agriculture, horticulture, clothing, insulation, filtration, composites, domestic products and new applications).

A special emphasis will be put on bio-engineering and raw materials from renewable sources to illustrate the commitment and the efforts of nonwoven and related industries towards **sustainability**.

Due to its growing importance, **nanotechnology**, and its impact on the nonwovens industry, will feature prominently on the programme.

ABOUT THE PAPERS & PRESENTATIONS

Pre-selection: submission of abstracts by 9 December 2011

- ▶ Abstracts must be in English and should be a maximum of 250 words.
- ▶ The abstract must include:
 - the full paper title.
 - the name and affiliation of all authors together with their full contact details and e-mail addresses.
- ▶ The abstract must provide sufficiently detailed information to effectively communicate the significance and technical content of the paper.

Final selection

- ▶ In order to ensure the expected standards of the Academy, authors of the selected abstracts will be asked for their full presentation text and full paper by 16 March 2012.

Presentations

- ▶ All presentations and papers must cover pre-competitive or post-competitive research work only. No commercial, competitive or marketing presentations are permitted.
- ▶ Presentations are limited to a maximum of 20 minutes in length with an additional 5 minutes allocated for questions from the audience.

APPLY NOW

for a 2012 EDANA grant
to participate in the



NONWOVENS
RESEARCH
ACADEMY



EDANA NONWOVENS R&D STUDENT GRANT



19 & 20 April 2012
Gothenburg | Sweden

SHAPE YOUR FUTURE BY MEETING REPRESENTATIVES FROM TOP COMPANIES

The Nonwovens Research Academy aims to promote fundamental understanding and knowledge of the science and technology of nonwoven fabrics, products and processes as well as related disciplines.

The Academy will give you the unique opportunity to network with an interdisciplinary group of academics, researchers, scientists and engineers who will present and disseminate research studies relevant to the nonwovens industry worldwide.

The EDANA nonwovens R&D student grant will allow you to attend this highly recognized event. You will have the opportunity to share your experience and findings by means of a poster, which will give you high visibility during the whole event.

All travel expenses will be paid by EDANA.

Do not miss the opportunity and apply right now!

WHO CAN APPLY?

Applicants are eligible to apply for the NRA student grant if they are:

- ▶ An undergraduate student in at least the second year of study planning to undertake a dissertation in a nonwoven or related field; or
- ▶ A postgraduate student planning or undertaking a dissertation or a research degree in nonwovens or a related field.

HOW TO APPLY?

- ▶ **Send before 12 December 2011**
 - Motivation letter
 - Recommendation from one of your professors

TO EDANA

Avenue Herrmann-Debroux, 46
1160 Brussels | Belgium
helene.colbach@edana.org

Successful applicants will be informed
by end December 2011

For more information, visit www.edana.org

HOSTED BY

swerea|IVF

www.edana.org