



ADVANCED COURSE

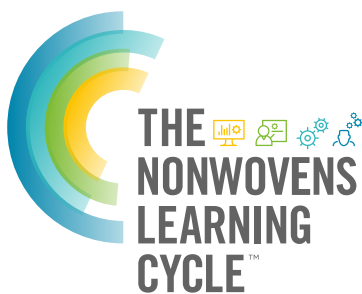
MELTBLOWN / SPUNBOND



20–21 FEBRUARY 2019

13–14 NOVEMBER 2019

CETI | France



Keep abreast of developments in the manufacture, conversion and applications of nonwovens.

The Nonwovens Learning Cycle™, organised in collaboration with CETI, offers an integrated approach to nonwovens from the basics, to intermediate, to advanced courses in Meltblown, Spunlaid, Carding, to guided development.

ORGANISED BY



IN COOPERATION WITH





PROGRAMME & TIMING

DAY 1

09.00

welcome to CETI

INTRODUCTION

- Market Statistics
- Product and Applications
- Definition and History
- Nonwoven platform discovery

RAW MATERIALS

- Introduction to thermoplastic polymers
- Requested properties for Spunlaid nonwoven application
- Polymers properties used in Spunbond and Meltblown fabrics
- Focus on PP

12.30

 **lunch break**

13.30

SPUNBOND AND MELTBLOWN PROCESSES

- Spunbond technologies
- Meltblown technologies
- Spunmelt
- Polymer preparation / Extrusion / Distribution / Spinpack / Filament drawing / Laying
- Detailed explanations of each part, option, design, setting on the process
- Process management for each raw material
- Focus on the bi-component process

18.00

hotel break

19.30

 **evening dinner**



PROGRAMME & TIMING

DAY 2

08.30

TRIALS USING SPUNBOND PROCESS AND DEDICATED BONDING TECHNOLOGY

- Trials elaboration depending of the resin choice
- Spunbond parameters adjustments and consequences on the process and the product
- Focus on the bi-component process
- Laboratory analysis on a nonwoven

12.30

 **lunch break**

13.30

TRIALS USING MELTBLOWN PROCESS

- Trials elaboration depending of the resin choice
- Meltblown parameters adjustments and consequences on the process and the product
- Laboratory analysis on a nonwoven

16.30

end of the course

Contact anaelle.schutz@edana.org



FACT FILE

WHO SHOULD ATTEND?

Process engineers, Product Managers, Raw Materials managers, R&D managers, QA managers. Such people are likely involved with producers, suppliers, converters and retailers within the industry.

COURSE ORGANISER

This course is part of 'My nonwovens learning cycle' which is a joint development from EDANA and CETI

COURSE TUTOR

Anne Gonthier: R&D Engineer, CETI
Chemist Engineer, she obtained her PhD in organic chemistry in 2004 in Pasteur University in Strasbourg. After 5 years as a searcher in Strasbourg University and Lund University (SW) she joined the company ASHLAND in France and in Germany. She began as R&D engineer and became project manager. She joined CETI in 2011 where she is now R&D Engineer. She managed several collaborative projects and private projects.

Simon Fremeaux: R&D Platform Manager, CETI
Graduated as a Textile Engineer 15 years ago, he began his career in Nylon filament melt spinning and then in Hygiene Spunmelt manufacturer. He joined CETI in 2010 and participated in the selection process of nonwovens equipment and was in charge of its implementation. Nowadays he manages as R&D Platform Manager both R&D private and consortium projects from design solutions to prototypes production in Drylaid and Spunlaid nonwovens.

LANGUAGE

The course language is exclusively in English.

METHODOLOGY

A course based on the combination of classroom training, information exchange and interaction with the R&D engineer and technicians. Use of different support: video, pictures, samples, pilot line.

NUMBERS OF PARTICIPANTS

Each course is limited to 8 delegates for optimal interaction between the participants and the CETI staff during the course and the workshop on the platform in operation.

LEVEL OF THE COURSE

To fully benefit from this course, CETI recommends having a good understanding of nonwovens manufacturing. CETI recommends attending the Nonwovens training course before joining any of the advanced courses.

VENUE

CETI – 41 rue des Métissages
F-59200 Tourcoing
(25 min by car from Lille City Center)

ACCOMMODATION

CETI has reserved rooms at the Couvent des Minimes Hotel at a special rate of € 130 per night, including breakfast located in central Lille. In order to receive this special rate, a hotel booking form will be provided to you once we have received your registration for the training course.

REGISTRATION FEE

(The fee includes two lunches, dinner after day 1)

- Members EDANA: € 2100 excl VAT/person
- Non-members EDANA: € 2600 excl VAT/person

REGISTRATION AND CONTACT

The registration of all courses in THE NONWOVENS LEARNING CYCLE is handled by EDANA. Please find registration forms as well as contact details on www.edana.org.

For more information about edana, please visit our website: www.edana.org



THE NONWOVENS LEARNING CYCLE™

TO BE RETURNED TO



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E anaelle.schutz@edana.org

REGISTRATION FORM PLEASE FILL IN CLEARLY IN CAPITALS

Mr Ms

First Name Last Name

Company

Job Title

Address

Post Code City

Country VAT Number (MANDATORY)

Direct Phone Fax

Website Email

Date > > Signature



NONWOVENS INTRODUCTION

22 January, 2019

30 April, 2019

10 September, 2019

Member EDANA €90 excl VAT/person

Non-member EDANA €120 excl VAT/person



INTERMEDIATE COURSE

26 – 28 February, 2019

21 – 23 May, 2019

17 – 19 September, 2019

Member EDANA €1600 excl VAT/person

Non-member EDANA €1900 excl VAT/person



ADVANCED COURSES

CARDING

13 – 14 March, 2019

10 – 11 July, 2019

06 – 07 November, 2019

MELTBLOWN/SPUNBOND

20 – 21 February, 2019

13 – 14 November, 2019

Member EDANA €2100 excl VAT/person/course

Non-member EDANA €2600 excl VAT/person/course



GUIDED DEVELOPMENT

04 – 06 June, 2019

Member EDANA €2750 excl VAT/person

Non-member EDANA €3400 excl VAT/person

TOTAL

METHODS OF PAYMENT

Bank transfer to: EDANA IBAN BE92 3100 7607 0823 | BIC BBRUBEBB

INDICATE DELEGATE AND COMPANY NAME IN COMMUNICATION

Credit Card AMEX MASTERCARD VISA

Card Number Expiry Date > CVV Code

Card holder's name Signature

CANCELLATIONS

Registrations will be taken in chronological order, once the number of participants reached, you will be put on a waiting list and given priority for the next session. Payment must be received 10 working days before the start of the Training Course. Any substitutions within a company must be received no later than 10 working days before commencement. Cancellations will only be accepted in writing and must be received no later than 10 working days before the Training Course starts.

Thanks to send back this form at anaelle.schutz@edana.org