



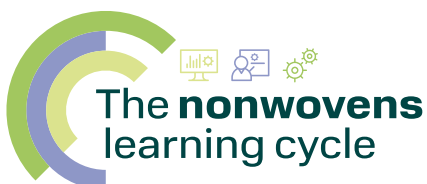
# Nonwovens advanced

**SPUNBOND /  
MELTBLOWN**

**CETI | FRANCE**

⇒ 20 – 21 MARCH 2024

⇒ 20 – 21 NOVEMBER 2024



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, via intermediate, to advanced courses in Carding and Spunmelt.

ORGANISED BY



IN COOPERATION WITH





## PROGRAMME & TIMING

### DAY 1

08.30

Welcome to CETI

#### SPUNLAID PROCESS OVERVIEW

- Market Statistics
- Innovations on Nonwovens fabrics
- Evaluation of the principal concepts of spunbond and meltblown

#### PREPARATION OF RAW MATERIALS

- Polymers properties used in spunbond and meltblown fabrics
- Biopolymers – recent developments

#### SPUNBOND AND MELTBLOWN PROCESS

- From the spinning to the web forming
- Main processes Parameters (configuration, regulation, principles, speed)

12.30



Lunch break

13.30

#### SPUNBOND AND MELTBLOWN PROCESS (Continued)

#### BI-COMPONENT FIBRES (optional)

- Best match maker: Main markets and recent applications
- Process concepts and developments
- Microfibers nonwovens

18.00

Hotel break

19.30



Evening dinner

### DAY 2

08.30

#### LIVE PROTOTYPING OF NONWOVENS FABRICS

#### TRIALS USING SPUNBOND PROCESS AND WEB BONDING TECHNOLOGY

- Learn to select the correct technology to meet product performance and attribute requirements
- Comparison of the main Spunbond parameters process
- Analyse a nonwoven-based product

12.30



Lunch break

#### TRIALS USING MELTBLOWN PROCESS AND WEB BONDING TECHNOLOGY

- Learn to select the correct technology to meet product performance and attribute requirements
- Comparison of the main Meltblown parameters process
- Analyse a nonwoven-based product

16.30

End of the course

## FACT FILE

### WHO SHOULD ATTEND?

Process Engineers, Product Managers, Raw Materials Managers, R&D Managers, QA Managers, as they are likely to be involved with producers, suppliers, converters and brand retailers within the industry.

### COURSE ORGANISER

This course is part of the *Nonwovens Learning Cycle™* jointly developed by EDANA and CETI.

### COURSE TRAINER

**Javier Vera-Sorroche**, Director of the Polymer Business Unit at CETI, he comes from a strong R&D plastics processing background. His core competences include: melt spinning, nonwoven, extrusion and optimization, compounding and polymer rheology. He holds a Master of Science in Chemical Engineering from the University of Murcia, Spain, and PhD in Polymer Extrusion from the University of Bradford, United Kingdom.

### LANGUAGE

The course language is exclusively in English.

### METHODOLOGY

A course based on the combination of class room training, information exchange and interaction with the R&D engineer and technicians.

Use of different supports: video, pictures, samples, pilot line.

### NUMBERS OF PARTICIPANTS

Each course is limited to 6 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

In order to fully benefit from this course it is recommended to have a good understanding of nonwovens manufacturing. It is recommended to attend the Nonwovens Essentials 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

A list of hotels will be provided to delegates once we have received their registration.

### REGISTRATION FEE

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](http://www.edana.org). (The fee includes, two lunches, dinner after day 1)

- ⇒ EDANA members:  
2400 €/pers excl. VAT
- ⇒ Non-members:  
2975 €/pers excl. VAT

For further information,  
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For more information  
about edana,  
please visit our website:  
**[www.edana.org](http://www.edana.org)**

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#### PLEASE NOTE

EDANA reserves the right  
to change or cancel  
this Training Programme