



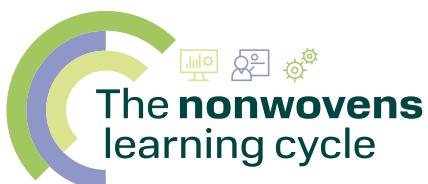
# Nonwovens advanced

## CARDING

**CETI** – FRANCE

⇒ 13 – 14 MARCH 2024

⇒ 13 – 14 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

09.00

**Welcome to CETI**

**INTRODUCTION**

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

**RAW MATERIALS**

- Overview of the natural, artificial and man-made fibres
- Request properties for Drylaid nonwoven application
- Bi-component fibres
- Future of man-made fibres
- Filament Melt spinning discovery

12.30



**Lunch break**

13.30

**CARDING FEEDING**

- From the staple fibre to the carding feeding
- Technologies of fibres blending and opening
- Request process depending of the fibres properties
- Opening and Blending equipment discovery

**CARDING PROCESS**

- From the feeding to carded web
- Detailed explanations of each part, option, design, setting on the process
- Process management for each fibre

18.00

**Hotel break**

19.30



**Evening dinner**

## DAY 2

08.30

**TRIALS USING CARDING PROCESS AND DEDICATED BONDING TECHNOLOGY**

- Trials elaboration depending of the fibres choice
- Fibre blending and opening role in the carding process
- Carding parameters adjustments and consequence on the process and the product

12.30



**Lunch break**

13.30

**TRIALS USING CARDING PROCESS AND DEDICATED BONDING TECHNOLOGY**

- Comparison of the main Carding parameters process depending on the fibre use
- Laboratory analysis on a nonwoven

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 TRAINERS

#### **Alexis Callewaert – R&D Project Manager.**

Alexis graduated from ENSAIT and joined CETI in 2020, now working on projects management thanks to the complete Drylaid Nonwoven pilot platform and mechanical textile platform. He gained expertise in fibres, transforming textile processes and product development.

#### **Guillaume Cambronne – Fibres**

**Engineering Manager.** Guillaume graduated from ENSAIT and joined CETI in 2016, now managing all fibres projects thanks to the complete Drylaid Nonwoven pilot platform and mechanical textile platform. He has acquired experience and expertise in fibres, transforming textile processes, product development and market analysis..

#### **Simon Fremeaux – Fibres Business**

**Unit Manager.** With an experience of more than 18 years in nonwoven industries, Simon joined CETI 12 years ago, starting the nonwoven pilot platform. His expertise and experience in products, processes and markets through consortium and private research, will bring to the trainees the keys and facts of this advanced courses.

### 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 supports: video, pictures, samples, pilot equipment.

### 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

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For more information  
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PLEASE NOTE  
EDANA reserves the right  
to change or cancel  
this Training Programme