

# 360 CARLA TRAINING IN PHOTONICS

Join the **360 Carla Training Grenoble**, part of the **2-day CARLA Career Symposium & Training** taking place on **24 March 2026** at Institut NÉEL, University Grenoble Alpes. The event is designed for **master's, doctoral, and postdoctoral students** who want to explore the latest technological advances, career paths, and professional opportunities in photonics. **Register by 16 March! Attendance is free**, but places are limited, so register early to secure your spot!

## MORNING TUTORIALS 8:45 AM – 11:55 AM (OPEN TO ALL, REGISTRATION REQUIRED)



**Nonlinear parametric optics**  
by Antoine Godard, (ONERA, France)

**Wavefront shaping in complex scattering media:  
from light focusing to information extraction**  
by Dorian Bouchet (LiPHY, France)



**Entanglement, Bell Inequalities and more:  
an introduction to the power of quantum correlations**  
by V Vilasini (UGA, France)

## TRAINING 12:00 PM – 5:30 PM (LIMITED PLACES, REGISTRATION REQUIRED)

Lunch included

### Training format:

- 3 training sessions in Institut NÉEL experimental rooms
- 1 hour per training session
- Participants must attend all three trainings

### Rules:

- Attendance at the morning tutorials is mandatory to join the trainings.
- Maximum 8 participants per training session (total 24 places).
- Waiting list available once capacity is reached.

### Training session 1

**Optical parametric generation and oscillation as tunable sources**

by Benoit Boulanger



### Training session 2

**Generation of entangled photon pairs by frequency conversion**

by Patricia Segonds



**Violation of Bell inequalities**

by David Ferrand



### Training session 3

**Telecom fibered components for optical metrology**

by Thierry Chanelière



**REGISTER HERE**

Registration deadline:  
**16 March 2026**



*Separate registration is required for the trainings, (even for participants already registered for the symposium).*