

The logo for PYLA (Pulsed Ytterbium Laser for Applications) features the letters 'PYLA' in a bold, white, sans-serif font. A thin white horizontal line passes through the middle of the letters, and a thin white vertical line passes through the middle of the 'Y'. A white arrow points to the right from the end of the horizontal line.

SHORT  
TRAINING  
COURSE



PARIS  
SEPTEMBER  
16-20, 2019

Chirped Pulse Amplification

# **DISPERSION / STRETCHER / COMPRESSOR**

For Ultra-Intense Lasers

[www.pyla-formation.com](http://www.pyla-formation.com)

# PYLA

# SHORT TRAINING COURSE



## PROGRAM

### Monday sept. 16th

Introduction, Gérard MOUROU (Nobel Prize in Physics 2018)  
Basic Concepts, Eric CORMIER  
CPA Basics, Catherine LE BLANC  
CPA at the Extreme, Frédéric DRUON  
Visit Laserix, Moana PITTMAN

### Tuesday sept. 17th

Laser Safety, Luc MARTIN  
Compressor Alignment method, Dimitrios PAPADOPOULOS  
Metrology for large optics, Bruno LE GARREC  
HANDS ON AND DEMO :  
Metrology, Sylvain SAVALLE  
Compressor Alignment in Virtual Reality, Catherine LE BLANC  
Compressor in Real Life, Catherine LE BLANC

### Wednesday sept. 18th

Manufacturing a grating, Arnaud COTEL  
Grating Conception/characterization, Nicolas BONOD  
Methods for grating cleaning, Aline VERNIER  
HANDS ON AND DEMO :  
Metrology, Sylvain SAVALLE  
Compressor in Virtual Reality, Catherine LE BLANC  
Compressor in real Life, Catherine LE BLANC

### Thursday sept. 19th

Temporal method to characterize and optimize a pulse, Nicolas FORGET  
Optimizing a laser chain, Lucas RANC  
Spectral Phase Optimisation, C. LE BLANC & N. FORGET  
Simulation on stretcher-compressor alignment, Ji-Ping ZOU & Mélanie CHABANIS

### Friday sept. 20th

Methods for the spatio-temporal characterization of high-power femtosecond lasers, Fabien QUERE  
Visits: LOA, Jobin Yvon, Apollon

### Training session chair

Catherine LE BLANC, Ecole polytechnique, [catherine.leblanc@polytechnique.edu](mailto:catherine.leblanc@polytechnique.edu)

### Venue

Ecole polytechnique, Palaiseau, FRANCE

### Registration fees

2,990 € tax inc.

### Capacity

Limited to 15 attendees

### Coordination

Sonia GEAY  
[s.geay@pyla-formation.com](mailto:s.geay@pyla-formation.com) - +33(0) 557 017 403

