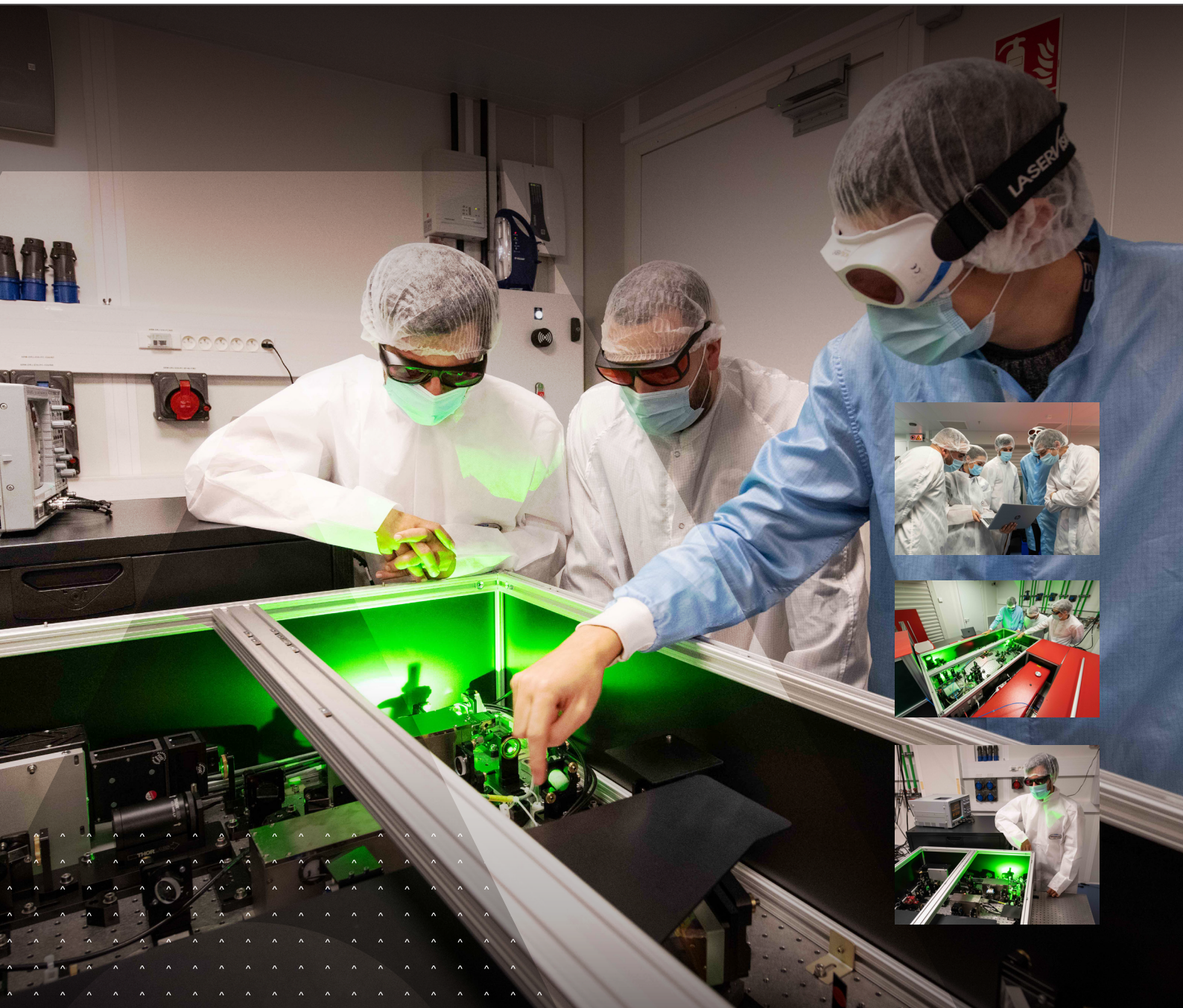


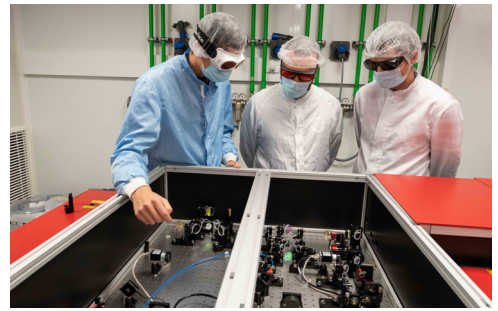
Training Solutions
LASER MASTERCLASS
Enhance your Hands-On Laser Experience



Training Solutions

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Enhance your Hands-On Laser Experience



Overview

This high-value-added training course combines trusted Thales expertise with real customer experience and feedback to provide participants with a robust, accurate understanding of their systems and consolidate their position within the scientific community.

Operating multi-TW to multi-PW lasers requires excellent knowledge and expertise, which must be maintained and developed through research and masterclass training. Thales training is based on **solid academic foundations** and focuses on the acquisition of expertise through **extensive practical sessions**; up to 75% of the training is spent working directly with optical tables and lasers.

Applications

Trainees will be able to carry out **precise technical tasks** such as realigning an amplifier, a Cross-Polarised WWave (XPW) filter or a compressor, as well as measuring associated parameters. They will also benefit from **practical guidance** on these **laser systems**. These skills are crucial for the correct operation of a Chirped Pulse Amplification (CPA) laser chain across a wide range of applications.

Features and Benefits

- Improve users knowledge
- Solid academic foundations
- Extensive practical sessions
- Practical guidance on laser systems
- Precise technical tasks
- Trusted training programme led by professionals

Partners and Credentials



Polytech (Paris-Sud University) was ranked 9th in the 2020 Shanghai Academic Ranking of World Universities.

Innovative Opportunity

- A Laser Masterclass is a fantastic way to network with **industry professionals** at Polytech (Paris-Sud University) and the Laserix laboratory.

Up to 4 trainees per session

Day 1	FUNDAMENTALS OF OPTICS	
Basic optical tables	📍 Optics Valley Paris Saclay	
Day 2	FUNDAMENTALS OF LASERS	
HeNe laser tables, femtosecond oscillator...	📍 Optics Valley Paris Saclay	
Day 3	LASER FACILITY OPERATION	
Large laser facility operation	📍 Optics Valley Paris Saclay	LASERIX
Day 4	FLASH LAMP PUMPED SOLID STATE LASER OPERATION	
SAGA HP laser bench	📍 Élancourt	THALES
Day 5	HIGH CONTRAST SYSTEM OPERATION	
Chirped Pulse Amplification-1 & XPW bench	📍 Élancourt	THALES



Up to 75% of the training is spent working directly with optical tables and lasers.



A unique training course tailored to the needs of large laser operation staff.



An outstanding **training programme** delivered by **highly-qualified** femtosecond laser experts.



All training is delivered in **small groups** of four trainees, to provide the **optimum personalised learning experience**



Our course is **certified**. Get proof of our high educational standards.

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