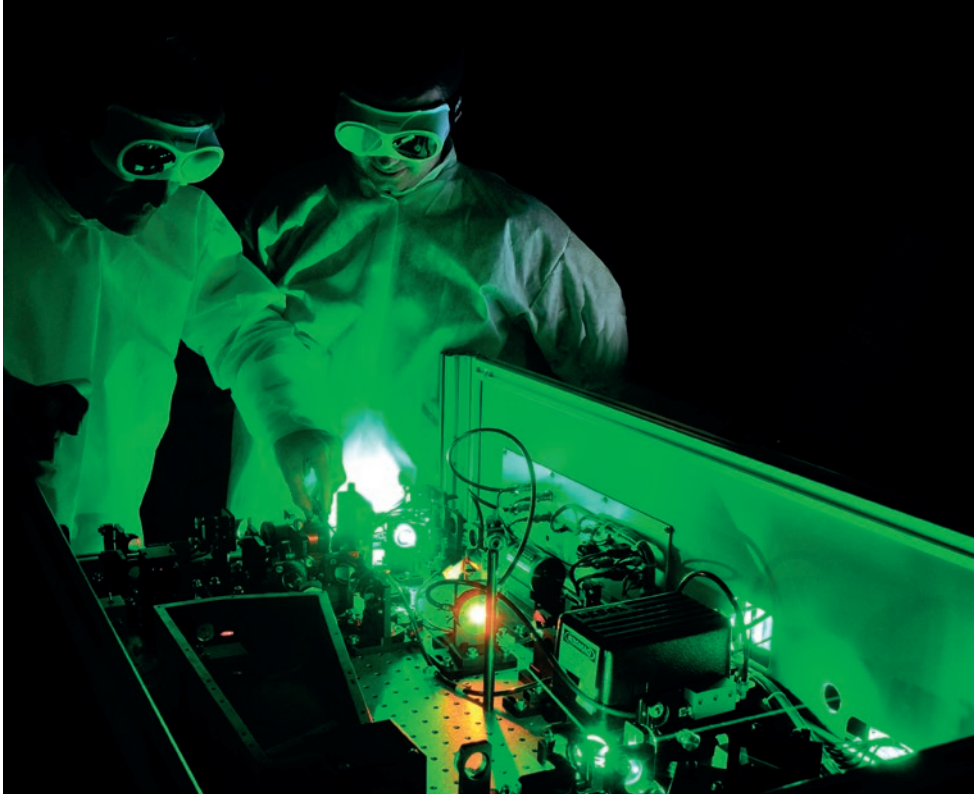




Hands-on laser training



Your hands-on laser training




[www.youtube.com/
 watch?v=fl-DDE8B-Ac](https://www.youtube.com/watch?v=fl-DDE8B-Ac)

This high-value added training provides accurate and robust knowledge to participants, thus enhancing their position within the scientific community.


Operating multi-TW to multi-PW lasers requires excellent knowledge and know-how, which must be maintained and developed through research and hands-on 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.

The master class is developed **in partnership with Polytech Paris-Sud University** and the optical table training with **the Laserix laboratory**.

As a consequence, trainees will be able to carry out **precise technical tasks** such as realigning an amplifier, Cross-Polarized Wave (XPW) filter or 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.




 75%
 PRACTICAL SESSIONS


 25%
 MASTER CLASS

INSTRUCTIONS

- 1 | Download the Thales Laser app from the App Store or Play Store
- 2 | Open the app and flash the page indicated by this illustration
- 3 | You can access new content online: videos, interviews, documents, etc

A distinctive training course



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.

A team of trusted partners



Polytech, school of Paris Sud University ranked 46 in the 2016 Shanghai Academic Ranking of World Universities
www.polytech.u-psud.fr/fr/index.html



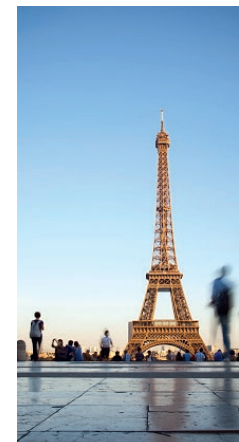
LASERIX

Laserix laboratory - France's foremost large laser facility
hebergement.u-psud.fr/laserix/fr/

THALES

World leader in the design and manufacturing of nanosecond lasers and high intensity laser systems
<https://www.thalesgroup.com/en/activities/market-specific-solutions/lasers>

A great opportunity to network



/ A fantastic way to network with **industry professionals** that you will encounter during your training at the Polytech Paris-Sud university and the Laserix laboratory, whilst enjoying your stay in a **world class location** for laser activities: **Optics Valley Paris Saclay**.

/ Dinner outings to Paris or Versailles will provide **further opportunities** for open discussions and allow you to explore the city!



/ Thales will organize your accommodation and catering, leaving you free to **enjoy your stay** from the moment you arrive in Paris.



Schedule





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

SEIZE THIS OPPORTUNITY AND REGISTER NOW!

Email us at thales-laser@fr.thalesgroup.com

-  www.facebook.com/thalesgroup
-  <https://twitter.com/ThalesScience>
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-  www.youtube.com/thethalesgroup

THALES

2, avenue Gay Lussac
78990 Élancourt
France
Tel. +33 (0) 1 30 96 74 77
www.thalesgroup.com