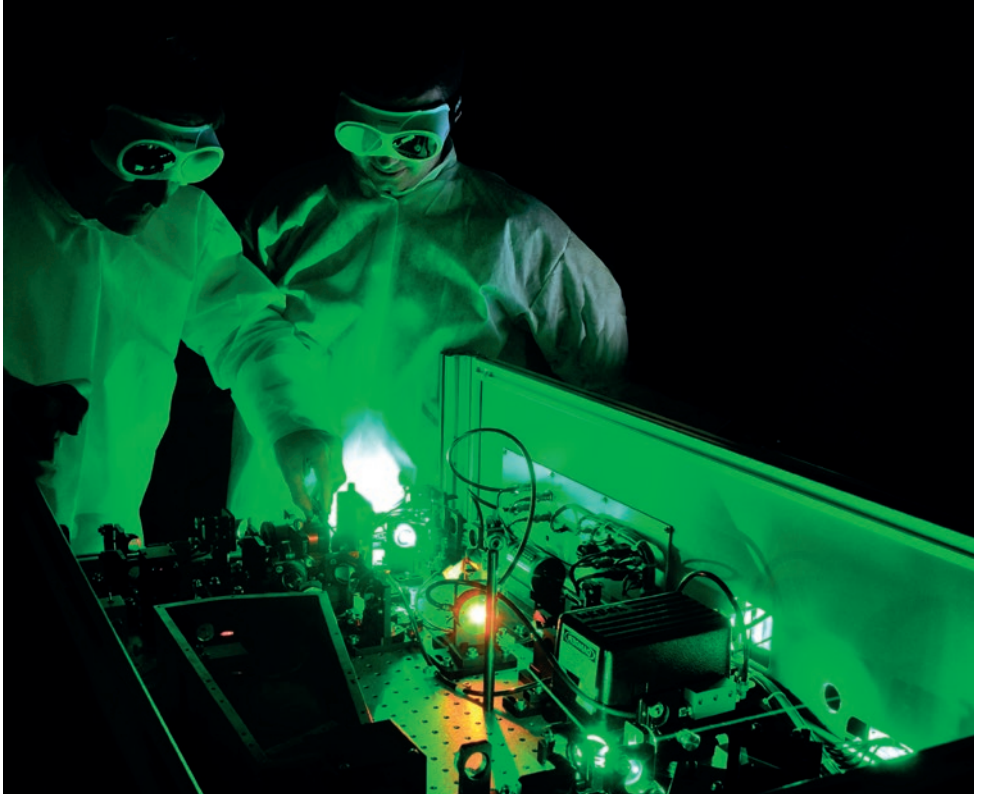


Hands-on laser training



Our hands-on laser training



This high-value added training delivers 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 **precision 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.



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 an **optimum personalised learning experience**.



Our course is **certified**. Get a 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
www.thalesgroup.com/en/global/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!

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