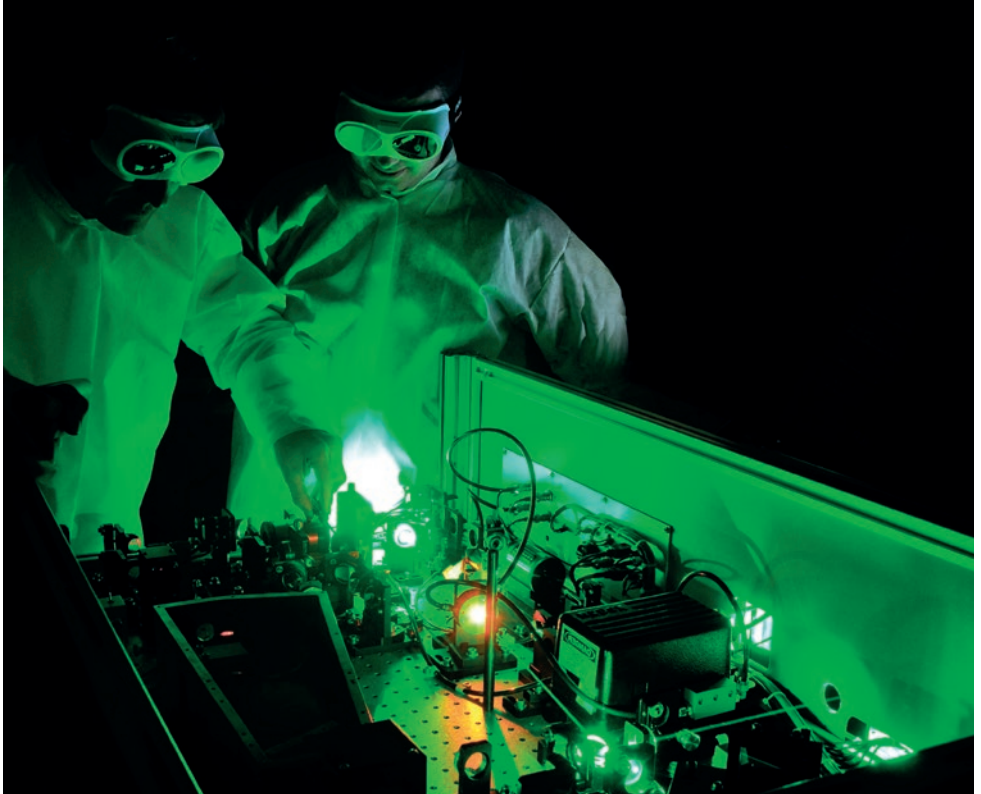


DISCOVER  
OUR NEW  
THALES LASER  
APP AND  
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ADDITIONAL  
CONTENTS  
ONLINE!



# 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.



## 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](http://www.polytech.u-psud.fr/fr/index.html)



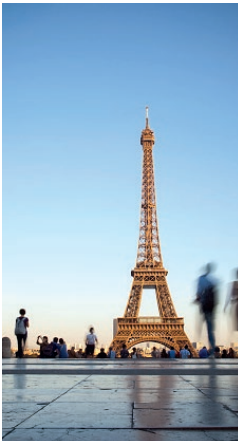
**LASERIX**

Laserix laboratory - France's foremost large laser facility  
[hebergement.u-psud.fr/laserix/fr/](http://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	<b>LASERIX</b>
Day 4 FLASH LAMP PUMPED SOLID STATE LASER OPERATION		
SAGA HP laser bench	📍 Élancourt	<b>THALES</b>
Day 5 HIGH CONTRAST SYSTEM OPERATION		
Chirped Pulse Amplification-1 & XPW bench	📍 Élancourt	<b>THALES</b>

**SEIZE THIS OPPORTUNITY AND REGISTER NOW!**

Email us at [thales-laser@fr.thalesgroup.com](mailto:thales-laser@fr.thalesgroup.com)

-  [www.facebook.com/thalesgroup](http://www.facebook.com/thalesgroup)
-  <https://twitter.com/ThalesScience>
-  [www.linkedin.com/showcase/thales-innovations/](http://www.linkedin.com/showcase/thales-innovations/)
-  [www.youtube.com/thethalesgroup](http://www.youtube.com/thethalesgroup)

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