

SAVE THE DATE

1st Photonics TALENT International Summer School

Industrial Trends in Laser Source Development and Applications



Monday 8 – Friday 12 July, 2024



Bordeaux, France



1st Photonics TALENT International Summer School

Industrial Trends in Laser Source Development and Applications



Would you like to discover the latest industrial innovations on laser source development and applications? Would you like to learn how to transform R&D ideas into new products and solutions, and meet companies working on cutting-edge photonics domains?

From health technologies to optical communication, sustainable manufacturing and cutting-edge quantum technologies, Photonics is driving the innovations of the future. Photonics Talents brings together undergraduates and Ph.D. students to offer firsthand exposure to industrially strategic and ground-breaking domains of photonics such as:

- **State-of-the-art laser source development** for innovative applications from manufacturing to microscopy
- **Artificial intelligence** for smart laser-based manufacturing and Industry 4.0
- Industrial applications of **ultra-fast laser systems** for next-generation sustainable manufacturing
- Photonics for **Quantum technologies** and applications
- Special session on **attosecond science** and its applications in particle physics

Quick overview of the agenda :

- **Special presentations** led by industrial professionals and by internationally recognised scientific experts.
- A **poster session**, scheduled to give all students the opportunity to present their work and take part in fruitful exchanges with experts from several industrial and academic sectors.
- **Visits to regional photonics actors** such as Amplitude, ALPhANOV, TOPTICA and Exail to discover how technology transfer support the exploitation of ideas from R&D laboratories to production sites.
- A **job fair** to discover all the latest job opportunities with the possibility to exchange directly with companies and research organizations through one-to-one meetings.

The Photonics Talent International Summer School is your opportunity!

[Pre-registration](#)

Action organized as part of the Nouvelle-Aquitaine Photonics TALENT project.

Operation supported by the French government and the Nouvelle-Aquitaine Region as part of the France 2030 future investment program, operated by the Bank of Territories.