



ERASMUS+ KA220-HED-13A477C3

Erasmus+
Enriching lives, opening minds.



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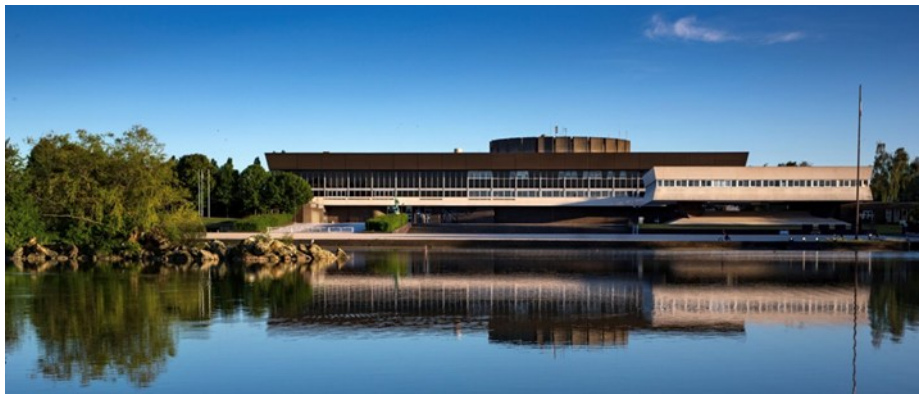
Innovative Education & Training in Laser Inertial Fusion Energy

<https://laserfusion.hmu.gr>

5-DAY RESEARCH SCHOOL

Physics of Inertial Fusion Energy with a focus on
laser technologie and direct drive inertial fusion

Paris, May 11-15, 2026



A training course for postgraduate students (PhD & MSc) with the aim focusing on the basics of Inertial Fusion Energy. The particular focus will be on the laser technology required for laser driven fusion and direct drive inertial fusion.

Associated Research Program



The Erasmus+ LaserFusion project aligns strategically with the research roadmap of the HiPER+ program. (www.laserfusion.eu)

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Palaiseau-Paris, May 11-15, 2026



Preliminary Program

	Mon 11/05	Tue 12/05	Wed 13/05	Thu 14/05	Fri 15/05
MORNING - NOON	Arrival of participants	9:00-10:30 Lecture 1	9:00-12:00 Practical session	9:00-12:00 Practical session	9:00-10:00 Seminar 5
		11:00-12:00 Seminar 1	Split in 2 groups	Split in 2 groups	10:15-11:15 Seminar 6
		12:00-13:00 Seminar 2	12:00-13:00 Seminar 3	12:00-13:00 Seminar 4	11:30-12:30 Seminar 7
		13:00-14:00 Lunch Break	13:00-14:00 Lunch Break	13:00-14:00 Lunch Break	12:30-13:30 Lunch Break
AFTERNOON	14:30 Welcome	14:00-15:30 Lecture 2	14:00-15:30 Lecture 4	14:00-15:30 Lecture 6	14:00-15:00 Evaluation test
	15:00-16:00 Evaluation Test	16:00-17:30 Lecture 3	16:00-17:30 Lecture 5	16:00-17:30 Lecture 7	15:00 Closure
	16:00-17:30 LULI2000 visit			Gala Dinner	Departure

Preliminary Content:

Lectures: Laser Technology – Laser Optical Smoothing - Plasma Optics - Fusion Reactor Architecture – Laser Architecture for Fusion – Laser-Plasma Diagnostics

Seminars: Targets for IFE – Targets Manufacturing - High-Rep Laser-Driven Proton Beam – Lasers for Fusion - ...

Practical: Laser Optics VR-Lab - SMILEI Code Simulations

Other information:

The school will take place at **École Polytechnique** in Palaiseau, close to Paris.

Accommodation at special rates is available for participating students in the university facilities, subject to prior booking. Discounted meals are offered at the university restaurant.

Updated information at: <https://laserfusion.hmu.gr/bootcamp3/>