

## LARGE SCALE ACCELERATORS AND LASERS

### ABOUT US

The Lascale master is a two-year international master's programme in physics, specialized in Large Scale Accelerators and Lasers. It aims at training experts in accelerators physics, high power lasers, laser plasma interaction, and their applications related to new sources of energy, health, and security diagnostics.

#### Proposed by 4 European research universities:

- Paris-Saclay University (France)
- Sapienza University of Rome (Italy)
- University of Szeged (Hungary)
- Lund University (Sweden)

#### Best features of the Lascale master:

- Mobility experience in up to 4 European universities
- Double or multiple diploma
- Summer school in science management and business
- Large network of large scale facilities and companies
- 6-month research internship



### CONTACT US

[master.lascale@universite-paris-saclay.fr](mailto:master.lascale@universite-paris-saclay.fr)

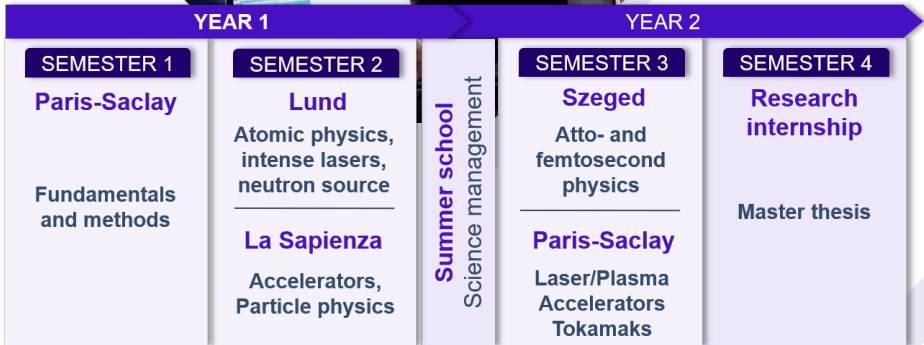


[www.master-lascale.eu](http://www.master-lascale.eu)

## MOBILITY TRACKS & SPECIALIZATIONS



Create your own master's programme by choosing between the different specializations of our partner universities



## DOUBLE / MULTIPLE DEGREE

**1 academic semester = 1 diploma**

- Master in Physics of Paris-Saclay University
- Master in Photonics of Lund University
- Master in Physics of Szeged University
- Master in Physics of La Sapienza University

## SUMMER SCHOOL on Science Management and Business



When the university meets the market... Fill the gap between the knowledge acquired during your studies and the demands of the job markets.



The school focuses on entrepreneurship through dedicated courses: personal professional project, patent law, economy management, communication, risk capital and funding, technology of innovation, ICT.



## NETWORKING WITH RESEARCH CENTRES AND COMPANIES

Benefit from a full immersion research experience with practicals in research labs, winter schools, on-site visits, seminars and internships proposed by our partners:

- Renowned large scale facilities: SOLEIL, MAX IV, ELI, CERN, LMJ, ESS,...
- Companies of high technologies such as Thales, Amplitude, Research Instruments,..
- Unique proton therapy centre and hospitals like the Proton Therapy Center of the Curie Institute

## ADMISSION CRITERIA

**A Bachelor degree** (180 ECTS or equivalent) in Physics and related topics.

**English skills** (TOEFL, IELTS or other proof).

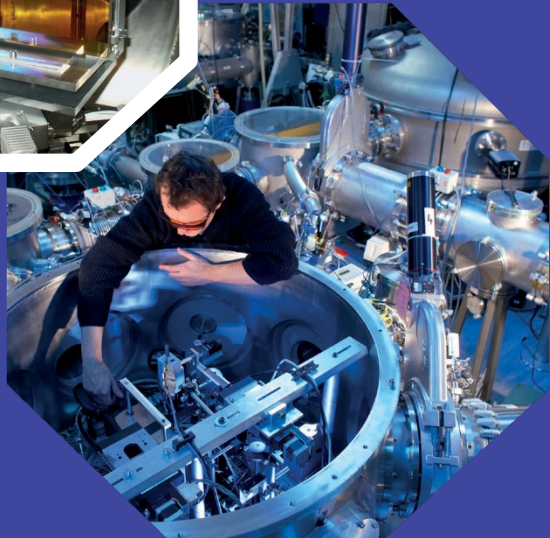
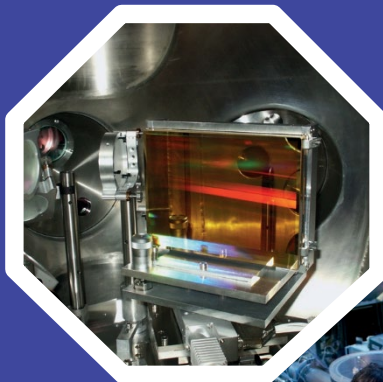
## SCHOLARSHIPS

### **Erasmus+: Erasmus Mundus (for 2 years)**

European students: up to 40 000 €

Non-European students: up to 47.900 €

**Paris-Saclay (for 2 years):** 20 000 €



## APPLICATION

Go to [www.master-lascalea.eu](http://www.master-lascalea.eu)

### **Deadline:**

Scholarships:  
February of each year

Self-financed students:  
May of each year