

M1

(more information by clicking on the internship subject)

Pole/Team	Supervisor	Subject	Period/Length	Filled
A2C/DDM	Olivier Deligny	Study of conditions of dark-matter freeze-out within Beyond-Standard-Model theories with hidden sector	2026, any dates during may-july	yes
E&E	Marc Ernoult	Development of an algorithm for automatic plutonium blending for plutonium multirecycling strategies	3 to 5 month - spring/summer 2026	
Nuclear	Vladimir Manea/ Valentin March	Laser spectroscopy in a gas cell for studying the electromagnetic properties of nuclei	Spring-summer 2026, typically 3 months (to be decided with student)	yes
Nuclear/FIRST	Sarah NAIMI	Experimental development of a highly charged ion storage technique for nuclear astrophysics	Between May and July 2026 Duration from 6-12weeks	yes

Nucléaire/Spectroscopy,
Decay and Fission

Karl Hauschild

[Demonstrator for SuperHeavy
Element X-ray Identification](#)

Spring-summer 2026, typically 3 months (to
be decided with student)

PHE/ATLAS

David Rousseau

[Application to AI techniques to LHC
Particle Physics issues](#)

1 to 6 months, starting in September 2026.
(Please apply as soon as possible.)

PHE/ATLAS

Giulia Di Gregorio/Louis Fayard

[Study of the pair production of the
Higgs boson in ATLAS](#)

2026, all dates possible (thanks to
postulate as soon as possible)

PHE/FCC

Nicolas Morange

[Performance and optimisation of the
ALLEGRO noble liquid calorimeter at
FCC-ee](#)

Spring/Summer 2026
