

PhD diploma and Master 2
@ LAPP / LAPTH

Doctoral School

- Our labs belongs to the university community:

UNIVERSITE GRENOBLE-ALPES

<http://www.univ-grenoble-alpes.fr/en/>

- Therefore

**DOCTORAL SCHOOL of PHYSICS :
EdPhys**

https://doctorat.univ-grenoble-alpes.fr/en/doctorsal-studies/the-doctoral-schools/doctorsal-school-of-physics-629160.htm?RH=GUCEDEN_PREECD



Grenoble-Annecy
: 150 km

- Administrative management of all our PhD students
- + Provide & Manage some research grants from the university
 - Typically 3/year for LAPP&LAPTH
 - Selection via a 2-steps competitive examination
- Other sources of grants:
 - Foundations, ANR, CNRS, CNES, region, priv. sector, co-share etc

Date of decision: 1st July

Date of decision depending on the source/call : from January to end of May

4 to 6 research grants per year
(LAPP/LAPTH)

Finding a subject

<https://www.adum.fr/as/ed/proposition.pl?site=CDUDG>

LAPP - Laboratoire d'Annecy-le-Vieux de Physique des Particules

And similar for LAPTH & LPSC

Spécialité : Physique Subatomique et Astroparticules

► Etude des oscillations de neutrinos à très courtes distances dans le détecteur STEREO à l'ILL, et calibration de celui-ci.
Very short baseline neutrino oscillations study with the STEREO detector at ILL; calibration of the STEREO detector.

► Physique de précision du secteur de Higgs et recherche de phénomènes au-delà du Modèle Standard via les désintégrations du boson de Higgs en deux photons avec l'expérience ATLAS au LHC
Precision Higgs Physics and search for Physics Beyond the Standard Model with the Higgs Boson decaying into two photons with the ATLAS experiment at LHC

► Reconstruction à faible latence du signal d'ondes gravitationnelles d'Advanced Virgo pour les recherches en-ligne de coalescences de systèmes binaires compacts
Low latency reconstruction of the Advanced Virgo gravitational wave signal for online searches of compact binary coalescences

NB : subjects are also posted elsewhere as well and **probably earlier** :

- Experiment Webpage (ATLAS,...)
- Lab Webpage : LAPP. LAPTH & LPSC
- You can also contact the team leaders directly (email via Lab webpages, lastname.firstname@lapp.in2p3.fr)

Miscellaneous !

- **Be aware of the dead lines**
 - Mid-May is the very latest to candidate
- Contact the supervisor
 - Sounds obvious but ...
 - As early as possible
 - Sounds obvious but ...
- **Internship** in the lab is a plus (M1 or M2)
- Pre-requisite
 - Master diploma or equivalent by the end of the civil year (eg. Dec 2017 for a start in academic year 2017-18)
 - https://www.adum.fr/as/ed/page.pl?site=phys&page=these_grenoble
- And then depending on the type of grants available
 - At the latest, an oral presentation of research work : last week of June in Grenoble with answer 1st of July
- A PhD is 3 years sharp

Master 2

Subatomic Physics & Astro-particles

- 3 tracks
 - Subatomic Physics and Cosmology
 - Astrophysics
 - Medical physics

Master Scholarship program for students from a
foreign university
M1 and/or M2

<https://www.communaute-univ-grenoble-alpes.fr/fr/presentation/le-projet-idex/appels-a-projets-idex/call-for-applications-master-scholarships-703783.htm>

Call for applications - Master Scholarships

L'Initiative D'Excellence (IDEX) Université Grenoble Alpes lance un appel pour le financement de bourses de Master.

The « Initiative d'excellence » (IDEX in short) Université Grenoble Alpes is welcoming applications for the Master Scholarship program. Applications to this program are open to foreign students (i.e. students currently enrolled in a University outside France) who apply to one of the Masters offered by the following higher education and research institutions: Ecole Nationale Supérieure d'Architecture de Grenoble (ENSAG), Grenoble INP, Sciences Po Grenoble, Université Grenoble Alpes (UGA).

Applicants can either apply to the first year of a Master (and thus are eligible for one or two years of funding) or for the second year of a Master (and thus are eligible for one year of funding). The amount of the scholarship is 8,000 euros per academic year. If one of the two semesters of a given year is dedicated to a funded internship, the amount of the scholarship for that year is reduced to 5,000 euros.

The selection of the candidates will mainly take into account their academic record and their material situation.

■ **Contacts :**

- **Vivien Quéma**
- **Séverine Bérenquer**

Calendar:

- Call for applications: February 7th, 2017.
- Submission deadlines: April 21st, June 9th and June 30th, 2017 (according to the application deadlines for the chosen Masters).
- Notification of the results: shortly after the Master application results.