



EMNano+ Master Program @ University Grenoble-Alpes

General Informations about Grenoble and UGA



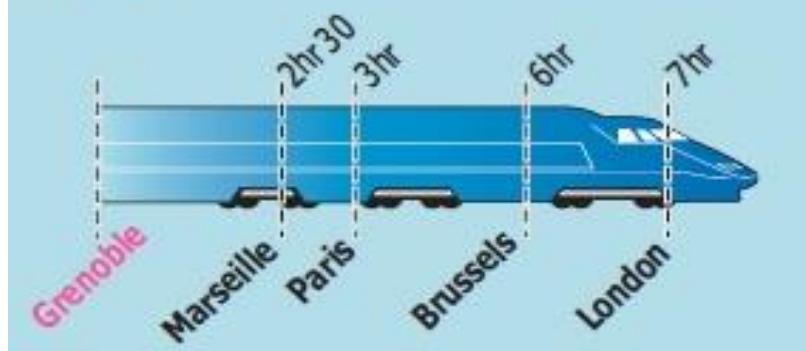


Micro-Nano-Technologies

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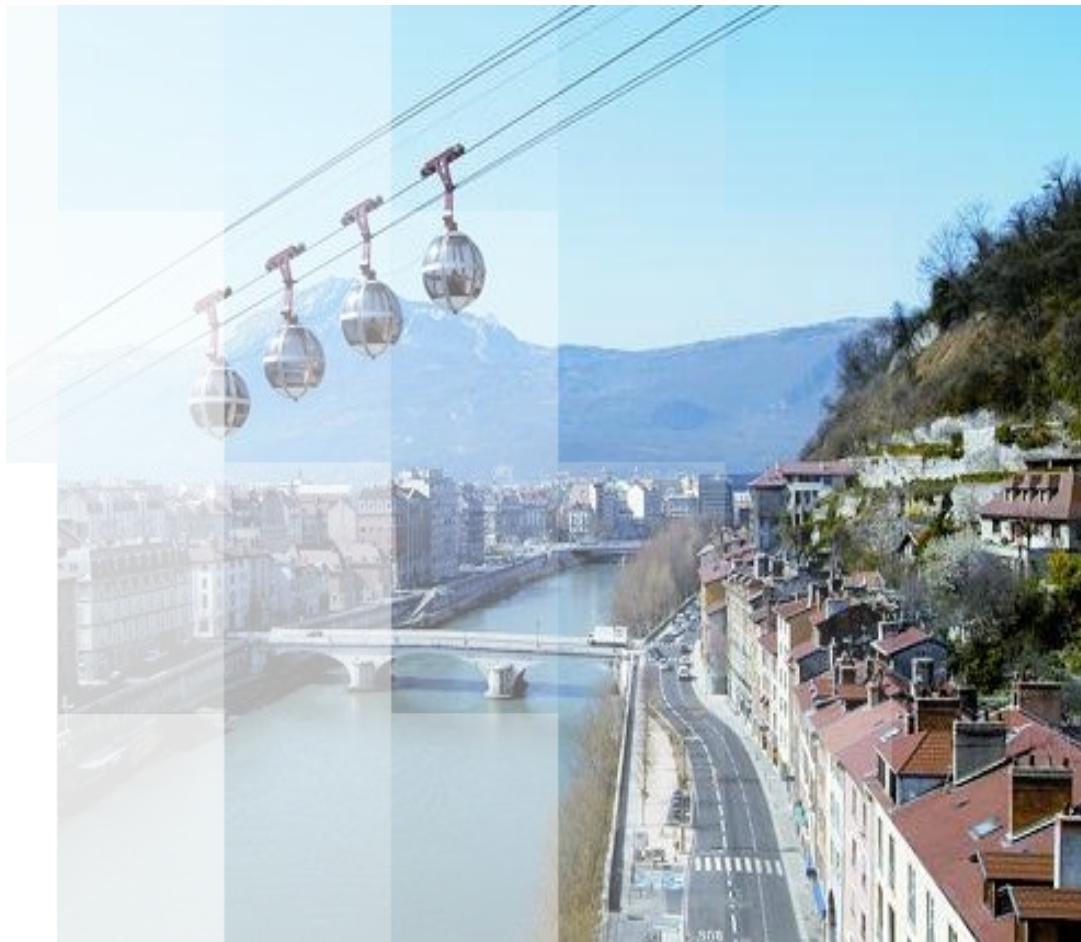
• TGV



Grenoble



Université Grenoble Alpes



Grenoble

400 000 people

1 of 5 is a student

25 000 R&D jobs

France's highest concentration

200 research Labs

European
Research Facilities



Grenoble

400 000 people

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France's highest concentration

Museums, Theaters

Jazz festival (Vienne)

10 ski resorts < 40km

Major area for research, advanced technologies and higher education...



59 000 students
10000 international students

7500 staff members

20 international
Master's programs

1st University in France
in 11 fields

<https://www.univ-grenoble-alpes.fr/english/>

Academic Research laboratories in Nanoscience-Nanotechnology

- More than 33 academic laboratories affiliated with **CNRS, UGA or CEA** working in Nanoscience
- 4 European facilities: ESRF, ILL, EMBL, EMFL:



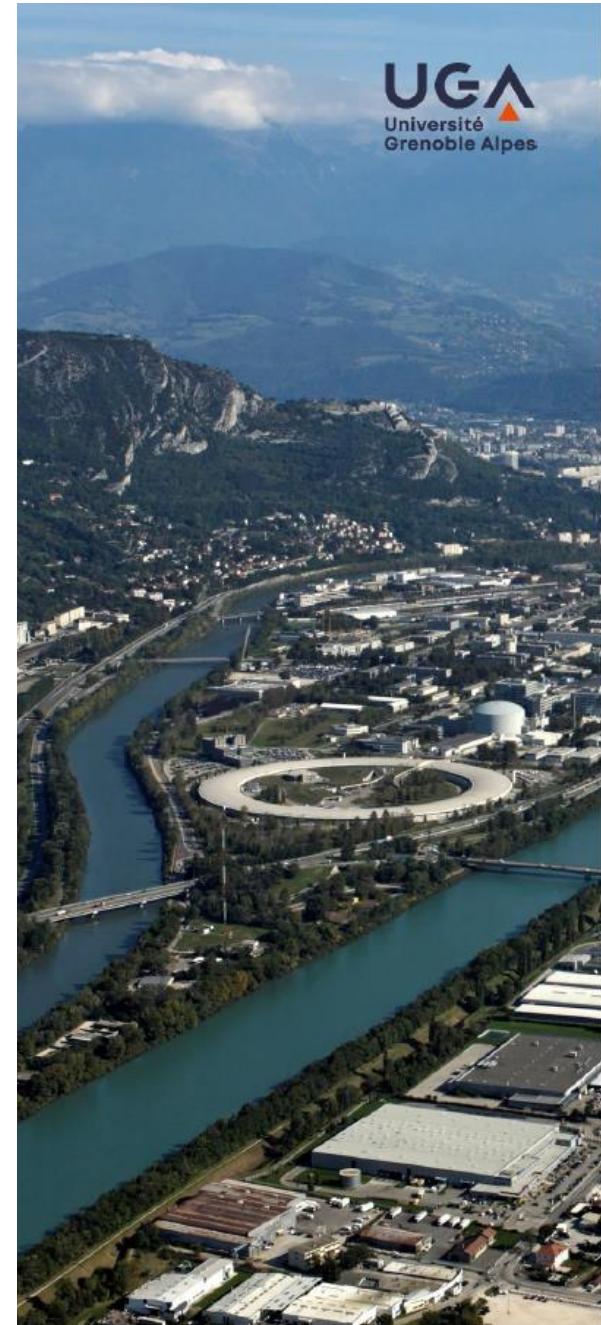
- Micro-nanoelectronics centers and platforms:



- 3 Laboratories of excellence in Nanoscience



- 3 European pre-doctoral schools:



The Nanosciences Foundation's network in Grenoble = 33 laboratories

chartreuse

**POLYGONE
SCIENTIFIQUE**

irig
INTERDISCIPLINARY
RESEARCH INSTITUTE
OF GRENOBLE

GIANT
INNOVATION CAMPUS

ibis

NEEL
institut

LNCMI

LTM

spintec
SPIN IN ELECTRONICS

leti
TECHNOLOGY
RESEARCH
INSTITUTE

Liten

lima
CNSC-Grenoble INP-JEFL

LA TRONCHE

INSTITUT ALBERT BONNIOT

OXYGENÈSE ET ONCOGENÈSE MOLÉCULAIRES

Timc

Institut des Neurosciences
RENOBLE

legi
LABORATOIRE DES ECOULEMENTS
DEPHOTIQUES ET INDUSTRIELS

Liphy

LE

SiMaP

LE

ISTerre
Réseau de sciences de la Terre

SM

Cermav

i/f
INSTITUT
FOURIER

**DOMAIN
UNIVERSITAIRE**

Fondamental research labs

belledonne

vercors

See online pdf file dedicated **with online web links on labs**

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chartreuse



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Quantalps consortium



QuantAlps
~230 faculty members
18 laboratories



<https://quantalps.univ-grenoble-alpes.fr/>

Quantum technologies in Grenoble

An outstanding ecosystem for Education



QuanTEdu-France national program: Education and training to fulfill the strategic skill needs of research and industry in France: **57 M€ for 5 years Sept 2022 -> Sept 2027**

1. Université Grenoble Alpes*
2. Institut Polytechnique de Grenoble
3. Université Paris Saclay
4. Institut Polytechnique de Paris
5. Ecole Polytechnique
6. Ecole Nationale Supérieure de techniques avancées
7. Sorbonne Université
8. Université de Paris
9. Université Paris Sciences et Lettres
10. Université Sorbonne Paris Nord
11. Université de Montpellier
12. Université fédérale de Toulouse Midi-Pyrénées
13. Université de Bordeaux
14. Université Côte d'Azur
15. Aix-Marseille Université
16. Ecole Centrale de Marseille
17. Université de Strasbourg
18. Université Bourgogne Franche-Comté
19. Ecole Normale supérieure de Lyon
20. Université de Lille
21. Telecom Paris



* Coordinating University [https://quantalps.univ-grenoble-alpes.fr/quatedu/](https://quantalps.univ-grenoble-alpes.fr/quantedu/)

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International PhD education

- ▶ **13 Doctoral Schools**
- ▶ **Over 260** joint doctoral thesis with a foreign university
- ▶ PhD students can also apply for the label "European Doctorate" or "Doctor Europaeus".

Key Figures

- 3 000 PhD Students, 47% of whom are international
- + 300 Joint PhDs (cotutelle)
- 13 Doctoral Schools, with more 90 scientific specialities
- + 100 Research Units
- Between 600 and 700 PhD Defenses per year
- + 100 HDR defended per year
- + 98% employment after 36 months



**WINNERS OF THE
THESIS PRIZE
2023**

