



Grenoble INP - UGA is a member of international engineering and management education and research networks. It is widely recognized in national and international rankings.



8 schools + 39 laboratories

8 300 students

1 300 teaching, research, administrative and technical staff

Grenoble INP-UGA is a renowned public institution of higher education and research, and a major player in the Grenoble ecosystem. It is the engineering and management institute of Grenoble Alpes University, and plays a leading role in the scientific and industrial community.

Professor

Profil court	Digital and Society: Systems, Data, Infrastructures
Category / Requested profile	Professor
Ministerial reference for the position	27 PR 0403
CNU Section	27
Location	Saint Martin d'Hères
Date of recruitment	01/09/2025
Position key words	

Grenoble INP - UGA is a leading public institution accredited with the French label "Initiative d'excellence". It offers innovative engineering and management programs, with an increasing internationalization of its course offers. The courses are grounded in sound scientific knowledge and linked to digital, industrial, organizational, environmental and energy transitions. The Engineering and Management Institute of Grenoble Alpes brings together more than 1300 staff members (teacher-researchers, lecturers, administrative and technical staff) and 8300 students, located on 8 sites (Grenoble INP - Ense3, Grenoble INP - Ensimag, Grenoble INP - Esisar, Grenoble INP - Génie industriel GI, Grenoble INP - Pagora, Grenoble INP - Phelma, Polytech Grenoble, Grenoble IAE and the INP Prepa). Grenoble INP is also a highly-ranked institution of higher education and research, leading the way in the fields of engineering and management on an international scale. It is a member of a large number of international academic and research networks. It is part of the European University UNITE!.

As part of Grenoble Alpes University, Grenoble INP has associated guardianship of 39 national and international research laboratories and of technological platforms. The research conducted there benefits both its socio-economic partners and its students. Grenoble INP is at the heart of the following scientific fields: physics, energy, mechanics and materials; digital; micronanoelectronics, embedded systems; industry of the future, production systems, environment; management and business sciences.

Grenoble INP - UGA is an equal opportunity employer committed to sustainability. Grenoble INP-UGA celebrates diversity and equity and is committed to creating an inclusive environment for all employees. All qualified applications will be considered without discrimination of any kind.

Teaching

School : Grenoble INP - Ensimag

School website: <https://ensimag.grenoble-inp.fr/>

Contacts: florence.maraninchi@grenoble-inp.fr, christophe.picard@grenoble-inp.fr, emmanuel.maitre@grenoble-inp.fr

School presentation: Since its creation, Grenoble INP - Ensimag has established itself as a leading school in digital technologies, combining expertise in applied mathematics and computer science. The school aims to train engineers with a deep mastery of the fundamentals, ensuring their ability to keep up with technological advancements and continuously adapt throughout their careers.

In a world where the digital economy generates a quarter of global growth, information technologies now account for more than one in three job opportunities for executives across sectors such as health, culture, energy, and environmental sciences. In this context, Grenoble INP - Ensimag positions itself at the heart of the digital revolution, shaping engineers ready to tackle the complex challenges of contemporary society.

Every year, Grenoble INP - Ensimag welcomes and trains over 300 students in its core disciplines, with the ambitious educational goal of transforming its students into the inventors, engineers, and operators of this new society and addressing the environmental challenges posed by digital technologies.

Teaching Profile: The successful candidate will play a significant role in teaching core computer science courses at the L3 and M1 levels (e.g., algorithms, programming, databases, systems, etc.). He/She will also contribute to the development and implementation of key educational projects within the Ensimag program.

The appointee will join the existing educational team focused on “Social and Environmental Responsibility in Digital Technologies.” This team serves as a bridge between Ensimag and the “Humanities and Pedagogy” (DHeP) department of Grenoble INP – UGA. It brings together faculty members and instructors in computer science, applied mathematics, and the humanities (social sciences, languages, sports).

With this support and within the framework of the France 2030 “Campus et Métiers d’Avenir” (CMA) [VeriT project](#), the successful candidate is expected to quickly take charge of integrating socio-environmental impacts of digital technologies throughout the curriculum. Additionally, he/she will oversee the new “Digital and Society” specialization, currently under development and set to launch in 2026 at the M1 and M2 levels of the Ensimag program.

He/She will also participate in the development of computer science courses and projects designed with interdisciplinary perspectives, combining computer science and the humanities, such as courses related to digital and digitized infrastructures.

Research

Host laboratory: Axis GLSI (Software Engineering and Information System) of LIG lab, in priority in VASCO team

Laboratory website: <http://www.liglab.fr>

Contacts: Sihem.Amer-Yahia@univ-grenoble-alpes.fr, noel.depalma@univ-grenoble-alpes.fr

Laboratory presentation: The Grenoble Computer Science Laboratory (LIG) is a prominent research center whose academic partners include Université Grenoble Alpes, Grenoble INP - UGA, CNRS, and Inria. The LIG brings together nearly 500 researchers, faculty members, PhD students, and support staff. These members are affiliated with various institutions and are distributed across the LIG’s three sites: the campus, Minatec, and Montbonnot.

The laboratory's mission is to build on the complementarity and recognized excellence of its 22 research teams to contribute to the advancement of the fundamental aspects of computer science (models, languages, methods, algorithms). Additionally, it aims at fostering synergies between the conceptual, technological, and societal challenges associated with this discipline.

Research Profile: The LIG wishes to recruit a colleague in Section 27 whose research project sits in the context of environmental responsibility in order to (1) reduce the environmental impact of our IT systems, improve understandability and explainability of this impact, or (2) to propose IT tools or infrastructures allowing a better understanding of the environmental challenges that society faces.

The scientific profile of the candidate must fall within at least one of the following major themes:

- Systems, Networks, Infrastructure
- Algorithm, Data Analysis, Extraction and Modeling knowledge, Machine learning.

The candidate's research can be carried out at all stages of the life cycle and at all software layers. The candidate will join one of the laboratory teams of the axis *Intelligent Systems for Bridging Data, Knowledge and Humans* or the axis *Distributed Systems, Parallel Computing, and Networks* (more information on <https://www.liglab.fr/fr/recherche/axes-recherche>) depending on their research theme.

Position assigned to a restricted area: YES (Protection device for the nation's scientific and technical potential, requiring the authorization of the Security and Defense Official for the appointment of teaching and research staff).

Specific requirements or conditions

Administrative activities related to the functions of Professor: responsibilities for teaching units, academic programs, or specific academic years.

In the context of research, excellence, and increasing internationalization, the quality of candidates' research activities must be demonstrated through recent publications in the leading international journals or conferences in their field.

Other criteria that will guide the evaluation process: a pro-active approach to science and open data, supervision of research activities (including doctorate and post-doctorate), contractual and commercial activities (patents, software registrations, industrial or operational applications, etc.), coordination of a large-scale scientific project (international H2020, ERC, or national ANR, FUI, or regional), scientific leadership (including team leadership, program management or international networks).), coordination of a large-scale scientific project (international H2020, ERC, or national ANR, FUI, or regional), scientific leadership (including leadership of a team, program or international network...), scientific outreach (membership of learned societies, membership of editorial boards, membership of scientific committees of establishments, symposia...), organization of symposia, dissemination of scientific knowledge, development of links with civil society.

How to apply

Applications must be submitted via the Odysée platform of the French Ministry of Higher Education and Research, between Tuesday March 4th 2025, 10am (Paris time) and Friday April 4th 2025, 4pm (Paris time), deadline.

Any document sent outside the Odysée application will not be taken into account.

When candidates are interviewed by the selection committee, they will be asked to take part in a pedagogical work experience, the details of which will be communicated when the invitation is sent out.

Please note that part of the audition may also be carried out in English.