Institute of Engineering and Management
of Grenoble Alpes University

HR EXCELLENCE IN RESEARCH

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.

Associate Professor

Research field	Systems and electrical networks
Category / Requested profile	Associate Professor
Ministerial reference for the position	
CNU Section	63
Location	Grenoble
Date of recruitment	01/09/2026
Position key words	Electricity grids, modeling, optimization, control, digitization, security

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 – ENSE³

School website: http: http://ense3.grenoble-inp.fr/

Contacts: Yvan.Avenas@grenoble-inp.fr (deputy director), Delphine.Riu@grenoble-inp.fr (director)

School presentation :

Grenoble INP - Ense3 is a school that hosts more than 1,200 students and work-study students each year, offering them training leading to engineering degrees, master's degrees, or specialized master's degrees, in order to meet the economic and societal challenges in the fields of energy transition, resource management, and sustainable innovation around energy and water use.

Teaching Profile:

To contribute to the transition towards greater electrification of uses, the teacher will have very good skills in electrical engineering, particularly in the field of electrical networks.

He or she will teach first-year electrical engineering courses, but will also join the teaching teams in the Electrical Energy Engineering (IEE), Energy Systems and Markets (SEM), Nuclear Energy Engineering (IEN), Electrical and Energy Engineering (GEE) programs, both in initial training and work-study programs, and in the international Master's program in Smart Grids and Buildings (SGB) program.

The person will also participate in the development of the school's experimental platforms in order to supervise student projects and offer original practical teaching (labworks).

The application must include an integration program, in particular a proposal for 20 hours of teaching related to the integration of renewable energies into electrical networks, which may take into account aspects of digitalization and/or sustainability, dedicated to second-year engineering students.

More generally, the application should present a plan for integration into the school.

In terms of cross-disciplinary skills, the candidate must be fluent in French and in English, as the school has a strong international and intercultural dimension, particularly in the context of the SGB International Master's program in which he/she will be involved. He/she must also be able, in the medium term, to take on management responsibilities at the school, whether in terms of overseeing teaching or getting involved in projects to promote the school, in France or abroad.

Research

Host laboratory: G2Elab

Laboratory website: https://g2elab.grenoble-inp.fr/

Contacts *:* frederic.wurtz@g2elab.grenoble-inp.fr (director) / nicolas.retiere@univ-grenoble-alpes.fr (deputy director)

Laboratory presentation :

G2Elab covers a wide range of expertise in the field of electrical engineering research. Its activities can be summarized by the following keywords: electrical energy, materials, innovative processes and systems, modeling, and design.

The work carried out ranges from basic “upstream” research to the “downstream” field, with a strong focus on collaboration with stakeholders in the socio-economic sector. With more than 100 permanent staff, 110 doctoral students, and 50 master's students, G2Elab is a major player in these fields at both national and international levels.

Research Profile:

Electricity grids are undergoing a major transformation, marked by the growing integration of renewable energies, digitalization, and decentralization of their management. These developments, coupled with increased interdependence between infrastructures, raise unprecedented challenges in ensuring the safe, resilient, and optimal operation of electricity grids. G2Elab, a leading laboratory in electrical systems and networks, is looking for a lecturer to join its SYREL team, a pioneer in the modeling, planning, and security of smart grids.

Candidates will, for example, develop innovative methods for modeling, optimization, and control of electrical networks, propose approaches to facilitate decentralization and/or distribution of network intelligence in an increasingly uncertain context, contribute to understanding failures in critical interoperable and interdependent infrastructures that can lead to instability, and experimentally validate the proposed approaches, particularly on G2Elab platforms (microgrids, real time).

The candidate will have solid research experience, as evidenced by recent publications in leading international journals/conferences, and the ability to engage in the numerous industrial and/or academic partnerships of the team's activity. He/she will be particularly involved in the collective dynamic of the SYREL team, notably to support ongoing projects (PEPR Networks of the Future, PEPR Tase, European projects, etc.).

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 duties of an Associate Professor: he or she will be in charge of a teaching unit, a programme or a year.

How to apply

Applications must be submitted via the Odyssée platform of the French Ministry of Higher Education and Research, between Tuesday March 3rd 2026, 10am (Paris time) and Friday April 3rd 2026, 4pm (Paris time), deadline.

Any document sent outside the Odyssée platform 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.