



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	Automatic Control, Autonomous Systems and Robotics
Category / Requested profile	Associate Professor
Ministerial reference for the position	
CNU Section	61
Location	Grenoble
Date of recruitment	01/09/2026
Position key words	Robotics, Automatic Control, Mechatronics, Autonomous Systems, Modelling, & Design

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 - Eisar, 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://ense3.grenoble-inp.fr>

**Contacts:** [Delphine.Riu@grenoble-inp.fr](mailto:Delphine.Riu@grenoble-inp.fr) (head of ENSE3 school), [Olivier.Sename@grenoble-inp.fr](mailto:Olivier.Sename@grenoble-inp.fr), [Nacim.Meslem@grenoble-inp.fr](mailto:Nacim.Meslem@grenoble-inp.fr)

**School presentation :** Grenoble-INP Ense3 is a three-year comprehensive engineering school of Grenoble INP, dedicated to training engineers who will contribute their knowledge, know-how and skills to the energy and environmental transitions in the water and energy sectors and uses.

## Teaching Profile:

Intelligent, autonomous systems and robotics are quickly expanding, essential for boosting productivity, competitiveness, and reindustrialization, as well as addressing numerous societal challenges. Many sectors will be impacted by this evolution, including transportation, aeronautics, energy, the environment, healthcare, agriculture, and more.

ENSE3 offers a diverse range of training programs in these fields. The ASI (Automatic Control and Intelligent Systems) engineering program and the international MARS (Master on Autonomous and Robotic Systems) master's degree meet the educational needs of tomorrow's engineers.

The recruited candidate will teach courses in automatic control (modeling, control, observation, diagnostics, optimization), autonomous systems (embedded systems, programming, control-command), and robotics (mobile, aerial, or ground) at ENSE3, primarily within the ASI program and the MARS master's degree. They will also take on pedagogical responsibilities within these programs.

Candidates are expected to be able to:

- Teach in the fields of automatic control, autonomous systems, and robotics, both in French and English, particularly within the international MARS master's program
- Contribute to the development and internationalization of the curriculum
- Commit in the management and responsibilities associated with the training programs

# Research

**Team :** GIPSA lab (Grenoble Images Parole Signal Automatique, UMR 5216 Grenoble INP, UGA et CNRS)

**Laboratory's website :** <http://www.gipsa-lab.fr>

**Contacts :** [Nicolas.Marchand@gipsa-lab.fr](mailto:Nicolas.Marchand@gipsa-lab.fr) (head of Gipsa-Lab), [Christophe.Berenguer@grenoble-inp.fr](mailto:Christophe.Berenguer@grenoble-inp.fr) (Co-head)

## Laboratory presentation:

With more than 350 people including about 150 PhD students, GIPSA-lab conducts theoretical and applied research on AUTOMATICS, SIGNAL, IMAGES, SPEECH, COGNITION, ROBOTICS and LEARNING. Our research is multidisciplinary and situated at the crossroads between the human, physical and digital worlds. It is based on measurements, data and observations from physical, physiological and cognitive systems.

It focuses on the design of methodologies and algorithms for processing and extracting information, decisions, actions and communications that are viable, efficient and compatible with physical and human reality. Our work is based on mathematical and computational theories for the development of models and algorithms, supported by hardware and software implementations.

Thanks to its platforms and partnerships, GIPSA-lab maintains a constant link between its research and applications in a wide range of fields: health, environment, energy, geophysics, embedded systems, mechatronics, industrial processes and systems, telecommunications, networks, transportation and vehicles, security and operational safety, human-computer interaction, linguistic engineering, physiology and biomechanics.

By the nature of its research activities, GIPSA-lab is in direct and constant interaction with the economic sector and society. Its members are actively involved in higher-education and training at the university and engineering schools of the Grenoble site (Université Grenoble Alpes)

#### **Research Profile:**

The recruited person will join the laboratory to strengthen its research on automatic control and observation for robotic systems, by bringing expertise in mobile robot control.

The targeted scientific issues include, for example, the modeling, design, and control of robotic or autonomous systems (from the actuator to the complete system, or multi-agent systems), as well as the development of observation, control, and navigation strategies (trajectory generation, planning and tracking, robot coordination, or robot-robot interactions, etc.) in constrained environments (static and dynamic obstacles).

The recruited person may contribute to the development of control architectures that take into account the robot's constraints (e.g., computation, real-time implementation, actuators, sensors, onboard energy, etc.) and interface or even intertwine with a perception system, in particular visual perception.

The candidat will benefit from the GIPSA-lab platforms, including the ROBOTEX 2.0/TIRREX national infrastructure, both for experimental purposes and for access to robotic navigation data, with the aim of developing and validating methodologies and algorithms.

## 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 Odyssee 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 Odyssee 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.