



Multidisciplinary Institute  
In Artificial Intelligence

MIAI Institute :  
seizing new opportunities  
in Artificial Intelligence



➔ [miai.univ-grenoble-alpes.fr](http://miai.univ-grenoble-alpes.fr)

# MIAI Grenoble Alpes

## An Interdisciplinary Artificial Intelligence Institute

The MIAI Grenoble Alpes project was selected by the French State to set up an Interdisciplinary AI Institute. This institute represents a huge driving force to expand the university's existing assets as well as develop new business partnership.

### OBJECTIVES

- Organize a world-class interdisciplinary research network
- Train students and professionals in leading-edge AI research
- Propose AI solutions within large companies, SMBs and startups
- Communicate and interact with the public on AI, including its applications and its impact on society

### PREVISIONAL BUDGET



### RESEARCH THEMES AND DIFFERENT AXES

#### FUTURE AI SYSTEMS

MACHINE LEARNING & REASONING

HARDWARE AND EMBEDDED ARCHITECTURES FOR AI

PERCEPTION AND INTERACTION

- Deep learning, Neural network • Fair AI • Neuromorphic architectures
- Vision, S&NLP • Robotics • Human aware AI • Bioinspiration

#### AI FOR HUMAN BEINGS AND THE ENVIRONMENT

AI AND SOCIETY

HEALTH

ENVIRONMENT & ENERGY

INDUSTRY 4.0





## WORLD-RENOWNED MULTIDISCIPLINARY ACADEMIC EXPERTISE

The existing relevant scientific and academic environment, the proximity of key players in research, training, business and regional authorities will ensure its successful implementation with the proactiveness of an unmatched ecosystem.



**1500+**  
faculty, PhDs students & post-doctoral researchers working on AI and related fields



**1600+**  
publications of which 15% feature in the top 10 key journals & conferences



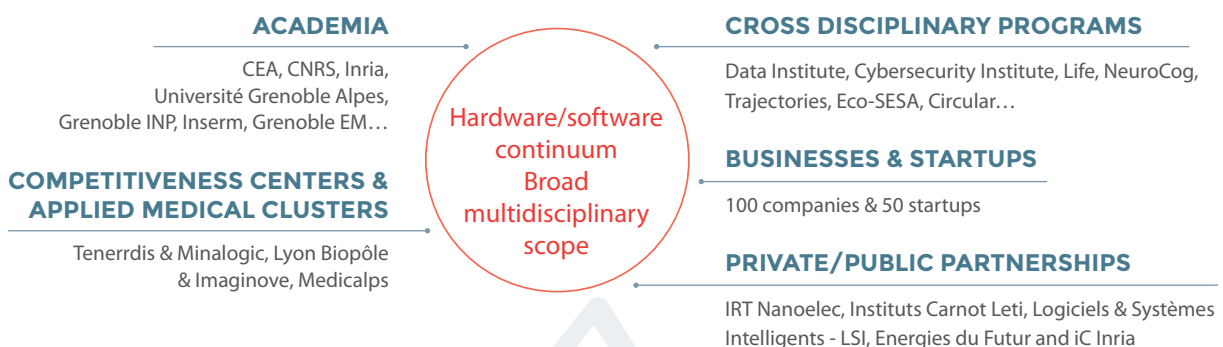
Shanghai Academic Subject Ranking  
Univ. Grenoble Alpes

**31<sup>st</sup>** worldwide  
**1<sup>st</sup>** France  
Computer Science  
and  
Engineering

Grenoble INP - Ensimag  
Best Computer and Applied  
Maths Programs in France

## A DYNAMIC, LOCAL AND HIGH-POWERED ECOSYSTEM FOCUSED ON AI

Grenoble Alpes has an ecosystem able to provide the necessary hardware/software continuum by creating dedicated systems for AI. Univ. Grenoble Alpes is capable of developing specialized leading-edge research while working in parallel on wide spectrum topics supported by its 17 multidisciplinary research programs.



## AI TALENT MADE IN GRENOBLE ALPES

**Grenoble Alpes,  
an exceptional territory!**

- Environment with a strong international culture
- Unique life quality in the heart of the Alps
- High retention rate of our graduates

**Recruit, train and retain  
your top talent in AI**

- Draw from a large talent pool 200+ masters and engineering graduates per year
- Recruit easily internationally
- Local continuous education programs for your employees

STAY A PIONEER WITH ARTIFICIAL INTELLIGENCE:  
JOIN THE MIAI GRENOBLE ALPES INSTITUTE



THOSE WHO HAVE ALREADY COMMITTED TO MIAI GRENOBLE ALPES

