MIAI Institute: seizing new opportunities in Artificial Intelligence

miai.univ-grenoble-alpes.fr
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

4yrs 19 millions euros/year

Academia

Businesses

State

MIAI Grenoble Alpes
An Interdisciplinary Artificial Intelligence Institute

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

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.

ACADEMIA
CEA, CNRS, Inria, Université Grenoble Alpes, Grenoble INP, Inserm, Grenoble EM...

COMPETITIVENESS CENTERS & APPLIED MEDICAL CLUSTERS
Tenerrdis & Minalogic, Lyon Biopôle & Imaginove, Medicalps

CROSS DISCIPLINARY PROGRAMS
Data Institute, Cybersecurity Institute, Life, NeuroCog, Trajectories, Eco-SESA, Circular...

BUSINESSES & STARTUPS
100 companies & 50 startups

PRIVATE/PUBLIC PARTNERSHIPS
IRT Nanoelc, Instituts Carnot Leti, Logiciels & Systèmes Intelligents - LSI, Energies du Futur and IC Inria

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

- Develop research and business partnerships
- Take part in key innovative and collaborative projects
- Discover new areas of technological application
- Rely on continues technology watch
- Create intellectual property
- Be involved in the governance of the institute
- Profit from our pool of students (masters, engineers, PhD)
- Support the progress of startups in our region
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THOSE WHO HAVE ALREADY COMMITTED TO MIAI GRENOBLE ALPES