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PARIS-SACLAY

INSTITUTE
DATAIA
Data Science, Intelligence & Society

DataIA: The Institute of Artificial Intelligence at Paris-Saclay University.

2025 -- Demian WASSERMANN
Deputy Director of Research

anr®
agence nationale
de la recherche



DataIA Institute

Aggregate and structure the multidisciplinary expertise and amplify the collective power of **Paris-Saclay cluster** partners involved in **research**, education, and innovation in AI, data science, and their **societal impacts**.

17 Founding Members



6 Associate Members



+46 Industrial Partners

- 19 major companies
- 27 SMEs

Key Figures

université
PARIS-SACLAY

Ranked 12th
worldwide, 1st in
continental Europe

+8,000 publications
between 2018
and 2024

47 laboratories

+800 tenured
scientists

450 PhD students
(incl. 170 internationals)

10 AI Chairs out of the 40
AI Chairs selected
nationally by the ANR

25 research projects
(multi-partner)
launched since 2018

2022



SACLAI - SCHOOL

AI training
program

2023



COFUND (PhD program)
on uncertainty and AI
(European funding)

AI4IDF

CfP Doctoral research in
the Ile-de-France region

2024

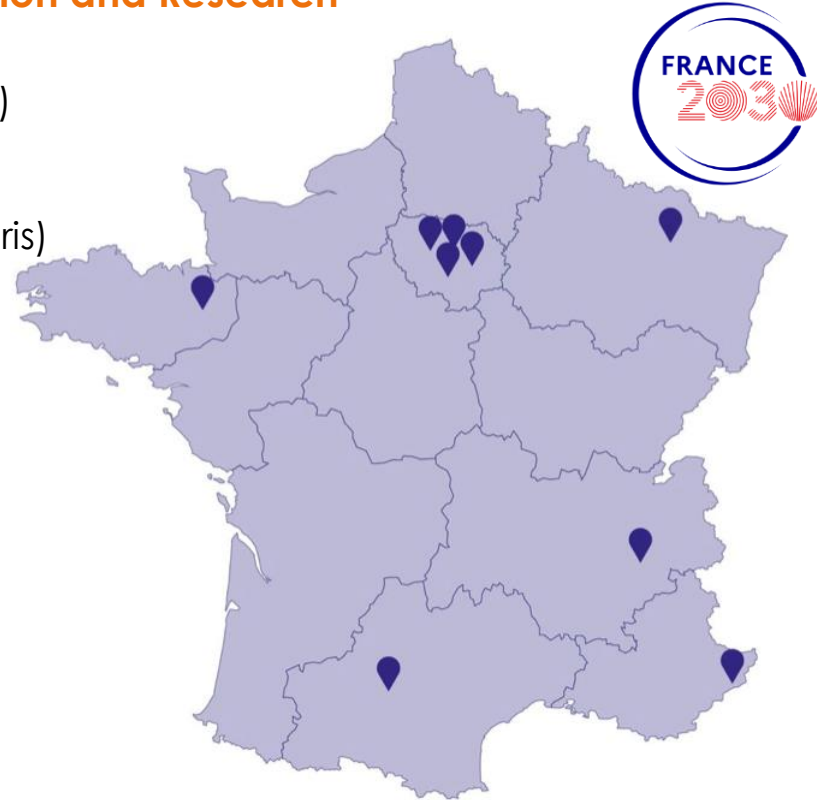
DATAIA-Cluster

International Collaborations



The 9 French AI Clusters –Strengthening AI Education and Research

- PR[AI]RIE – PSAI (Université Paris Sciences et Lettres)
- PostGenAI@PARIS (Sorbonne Université)
- Hi! PARIS Cluster 2030 (Institut Polytechnique de Paris)
- **DATAIA-Cluster (Université Paris-Saclay)**
- MIAI Cluster (Université Grenoble Alpes)
- ANITI IA Cluster (Université de Toulouse)
- 3IA Côte d'Azur 2030 (Université Côte d'Azur)
- ENACT (Université de Lorraine)
- SequoIA (Université de Rennes)



DataIA AI Cluster – Research Strategy

Large research program

- Scientific scope of Core-AI with targeted applications
- Synergy Chairs – Modular Chairs – Projects

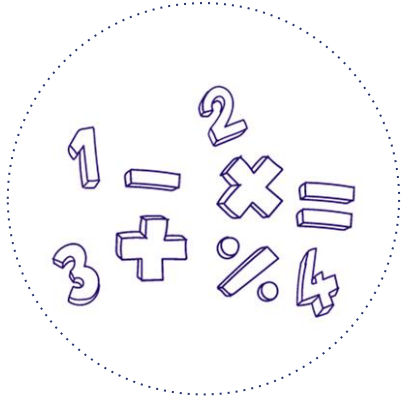
Strengthening international mobility

- Visiting professors and international Tenure Track
- Point-to-Point Laboratory Collaborations
- From undergrad to doctoral degrees

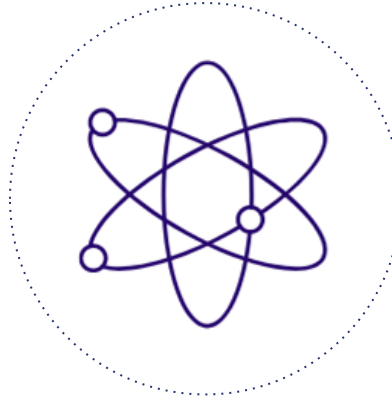
Continuity with the Institut Convergence

- Outreach activities
- Calls for internships

DATAIA-Cluster: Themes and Challenges



**Mathematics
& IA**



**Physics
& IA**



AI for Health

CROSS-FUNCTIONAL AREAS

- Data protection and ethics in AI
- Digital sobriety and reliability
- Data and resource management

DATAIA-Cluster

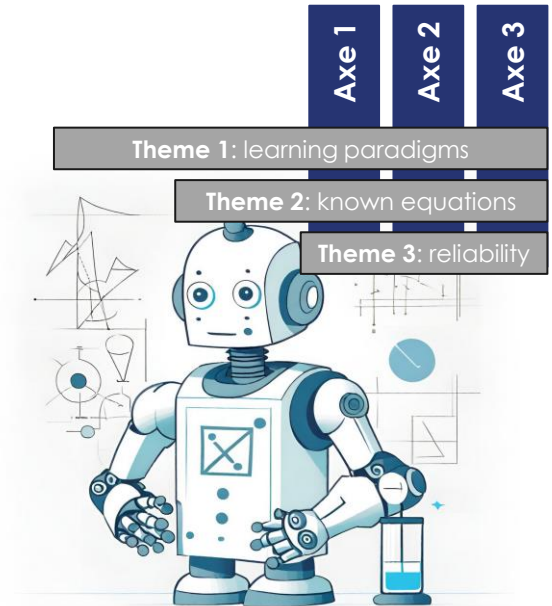
AI Themes Address Key AI Challenges

3 AI Themes

Developing the foundations of AI
to meet today's challenges

- More data, more diverse data
- Increasingly flexible architectures
- AI principles in various contexts

1. **How to make the best use of data?**
Learning paradigms: efficiency and data diversity
2. **How to use known equations?**
Inverse problems, simulations and invariances
3. **Establishing guarantees for complex AI systems**
Reliability and control of AI systems



DATAIA-AI Cluster : Principal Research Actions

3 SYNERGY (JOINT) CHAIRS

Pre-assigned to Teams and Topics

1. Pre-trained models for data frugality
2. GenAI - Foundation models: From theory to applications
3. ATLAS – AI for Teaching and Learning (AI) at Scale

MODULAR (JOINT) CHAIRS

Attributed through regular calls

Aligned with the Cluster's axes

- Mathematics & IA
- Physics & IA
- AI for Health

Max Funding per project: ~500k€

First Deadline: October 16th, 2025

RESEARCH PROJECTS & WORKGOUPS

Dynamic, small, exploratory

Priority to topics but for general AI

- Mathematics & IA
- Physics & IA
- AI for Health

Open Window

Evaluation cycle: two months

DATAIA-Cluster : How Can We Help ?

For trainees (PhD students and Post-docs)

- Incoming and outgoing mobility support
- Organization of Hackathons and challenges
- Benchmark creation

For Principal Investigators

- Organization of Hackathons and challenges
- Funding extensions pre- and post-PhD
- Invited Professors
- Benchmark creation
- Point-to-point collaborations

This is a non-exclusive list: other ideas? Contact us!

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DATAIA Institute Enlarged Academic Ecosystem



Meet the team!



Sarah COHEN-BOULAKIA
Deputy Director - Training



Frédéric PASCAL
Director



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Deputy Director - Research



Lucas TOURNY
Executive Director



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F. Pascal's Assistant



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Project Manager
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Nadjib LAZAAR
International Relations Manager



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Industrial Partnerships &
Innovation Manager



Marjorie BRANDELY
Communications Manager
Press & Public Relations



François CAUD
Engineer / Data Scientist
Science Outreach Coordinator



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Thank you for your attention!

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