D2C
DATAIA CLUB CONNECTION

RGPD
PRIVACY

DATAIA PARIS-SACLAY INSTITUTE

Located within the **Paris-Saclay University** (16th in the Shanghai ranking, 1st in mathematics), it is the f**irst French ecosystem in Data Sciences, AI and their societal impacts**.

MISSION

To bring together **multidisciplinary expertise and boost the collective strength of its partners** in the Paris-Saclay cluster with the aim of combining big data and AI technologies with social sciences and humanities for an AI at the service of humans.

IN FIGURES

12
DATAIA members

42
laboratories partners

1,2к
full-time researchers

10
IA chairs out of 40 national

30
IA theses

450
PhD students per year

The Industrial Affiliation Plan (PAI) aims to **boost the collective strength of the Institute's academic ecosystem and its industrial members**. The services offered in response to the respective needs expressed include:

- Joint actions to support research;
- Sharing of experiences and collective needs;
- Facilitated access to recruitment;
- Access to training, seminars, workshops, etc.;
- Implementation of dedicated events (hackathons, challenges, etc.);
- Access to working places to increase exchanges.

The D2C system aims **upstream**, to present the priority research issues and to match them with the problems of industry. **Downstream**, to monitor contacts and opportunities for collaboration identified until they are set up and launched. It is part of the ambition to facilitate the establishment of several levels of collaboration and create a constructive dynamic:

1. Expertise / Student projects / Internships
2. Research collaborations / CIFRE theses
3. Joint laboratories / Joint teams
4. Multi-partner chairs

OBJECTIVES & PROGRAM

The main objectives of this D2C are focusing on :

- Facilitate RGPD enforcement around responsible;
- Feed ML models with encrypted data;
- Addressing data and software anonymization methods.

2pm - 2:10pm	Introduction by **Bertrand Thirion**
2:10pm - 3pm	DATAIA researchers pitches on prospective research topics followed by industrialists on related issues
3pm - 4pm	Mini roundtables to discuss and formalize an action plan around common needs
4pm - 5pm	Individual meetings for more specific exchanges on bilateral collaborative projects
5pm - 5:10pm	Conclusion and action plan by **Eric Tordjeman**, Head of industrial partnerships

DATAIA RESEARCHERS

Data privacy and security

Nicolas Anciaux (Inria, CNRS)
Security and privacy issues in the context of « Personal Data Management Systems »

Privacy related to mobile networking

Aline Carneiro (Inria)
Indistinguishability in mobile and geographic datasets

Differential privacy and deep learning

Catuscia Palamidessi (Inria, LIX)
Privacy machine learning and fariness

Connection with local and global differential privacy

Pablo Piantanida (CentraleSupélec, L2S)
Deep learning, information representation, inference mechanisms

DATAIA RESEARCHERS

Cybersecurity and data protection

Thibaud Antignac (CEA-List, LSL)
Privacy, security, language-based techniques and innovation

Legal and privacy

Alexandra Bensamoun (Paris-Saclay University, CERDI)
Digital AI and intellectual property law

Development of privacy charters

Fabrice Le Guel (Paris-Saclay University, RITM)
Industrial economy, digital economy, privacy and computational economy

Tools for feedback on the sharing and control of personal data

Adrian Popescu (CEA-List)
Image recognition, multimedia information retrieval, user privacy, content geolocation

DATAIA CLUB PAI COMPANIES

GE Healthcare

Privacy applied to medical imaging data
Henry Souchay - Clinical Research Manager

Renault Group

Anonymized data for connected vehicles and customer relations beyond it
Rodolphe Gelin - Expert Deep Learninng and Robotics

sanofi

Regulation, performance, efficiency, confidentiality in accessing clinical data
Charles Bettembourg - Global Data Governance

SERVIER
moved by you

Handling of medical data: difficulty of access, medical secrecy, non consent of the patient

GUEST COMPANIES

Differential privacy mechanisms on timeseries data
Pierre-Olivier Gibert - CEO

Guarantees of differential privacy and homomorphic encryption: cross-referencing of sensitive data and collection of consents

Laurent Dupont - Senior Data Scientist
Richard Diani - Data Scientist

INSTITUTIONAL PARTNERS