

# Master Internship Program 2021

## Background

The DATAIA Institute is the French convergence institute specialized in data science, artificial intelligence and society, or how big data technologies and artificial intelligence intersect with the human and social sciences so that artificial intelligence benefits to society.

Selected by the National Research Agency (ANR) as part of the "Investments for the Future" programs, the DATAIA Institute aims to consolidate and structure a wide multidisciplinary expertise to better meet the major challenges in data science, artificial intelligence and their applications, by removing barriers between mathematics, computer science, humanities and social sciences.

The DATAIA Institute supports research in data science in the broadest sense - including computer science, mathematics and the humanities and social sciences - through an annual call for Master's internships.

This year, DATAIA will give particular attention to interdisciplinary projects that involve fundamental sciences (physics, chemistry, life sciences), and will continue to support the other propositions.

## Pre-requisites

Internship proposals will involve the collaboration of at least two people from two DATAIA partner institutions (see the list in Appendix 2) who do not belong to the same laboratory or to the same host institution. The internship topic must fit in one of DATAIA subject areas (see Appendix 1).

Every communication (publication, presentation) must mention the DATAIA funding :

*This research was supported by DATAIA convergence institute as part of the "Programme d'Investissement d'Avenir", (ANR- 17-CONV-0003) operated by [Partner] XXX*

## Important Dates

Deadline	12 novembre 2020 minuit
Notification	18 décembre 2020
Contact	contact-dataia@inria.fr

## Application process

**Proposition (2 pages):** The partners describe the objective of the internship, its link with DATAIA, and list previous collaborations of the partners (if any). It is not essential to already have a candidate to submit the project.

**Support:** If the project is accepted, DATAIA will fund the student for 4 to 6 months at the usual grant level (approximately 550 euros per month).

**Engagements:** The internship report should be sent to DATAIA at the end of the internship. A short presentation may be requested during DATAIA's annual scientific days.

**Required information:** The application must include :

- Names of the host laboratories and project leaders and their contact information
- Names of laboratories (or teams) of the convergence institute that will benefit from the funding
- Names, contact details of the scientific and administrative managers within each laboratory (team) of DATAIA partners receiving funds
- Length of the stay and estimated arrival and departure dates of the internship

A reply template is available at <http://dataia.eu/en/call-projects/call-internships>

**Host laboratories must send applications by email to:**

[submission-dataia@inria.fr](mailto:submission-dataia@inria.fr).

## Appendix 1

### Subject areas

The scientific program of each proposal should explicitly address at least one of the four subject areas outlined on the link below; these are the four interdisciplinary challenges of DATAIA : see <http://dataia.eu/en/institute/overarching-challenges>

Projects may address topics more specific to application areas. A non-exhaustive list of these areas is available on link below. However, it is requested that projects address data science issues of general interest and are not restricted specifically to a field of application: see <http://dataia.eu/en/application-domains>

## Appendix 2

### List of DATAIA partners

Agro ParisTech  
CentraleSupélec  
CEA  
CNRS  
Ecole polytechnique  
ENS Paris-Saclay  
ENSAE  
ENSTA ParisTech  
HEC Paris  
IFP-Énergies Nouvelles  
Inria  
Institut Mines-Telecom (Télécom Paris, Télécom Sud Paris, Institut Mines-Télécom Business School)  
Inra  
Université d'Evry Val d'Essonne.  
Université Paris-Saclay  
Université Paris-Sud  
Université Versailles St-Quentin-en-Yvelines