

Master Internship Program 2020

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.

It gathers more than 200 researchers and professors from seventeen institutions (see Appendix 2 below) and has launched its industrial affiliate program that will enable close collaborations between academics and companies.

Objectives

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).

Interns will spend from 4 to 6 consecutive months in Paris Saclay campus. DATAIA will finance their internship with student stipends of 550 euros per month.

Duties and Responsibilities

Host laboratories will send a report to DATAIA within one month after the end of the internship. DATAIA Institute may request host laboratories and interns to make a short presentation during DATAIA annual scientific days.

All beneficiaries of support from the convergence institute, must include the following text in all the scientific communications related to the funded activities: *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.*

Terms of application submissions

This call is restricted to laboratories and research teams that belong to DATAIA partner institutions (see List in Appendix 2).

Application process

Host laboratories must send applications by email to submission-dataia@inria.fr.

For any questions, please send an email to contact-dataia@inria.fr

The application must include :

- ❖ Administrative information as below:
 - 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
 - Choice of at least one DATAIA subject areas (see Appendix 1)
 - Length of the stay and estimated arrival and departure dates of the internship
 - Expected benefits for DATAIA Institute

- ❖ And a description of the proposal (2 pages):

Host laboratories will explain the purposes of the internships, justify why they are relevant for DATAIA scientific actions and list the previous collaborations of the partners (optional). It is not required to have a candidate already selected for the submission of internship proposals.

Selection Process

Closing date for submissions : 12th of November 2019

Decision notifications : 10th of December 2019

Proposals will be reviewed and selected by the DATAIA Institute executive committee.

For any questions, please send an email to contact-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