

DATAIA Institute

Master Internship Program

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.

Right from the beginning, it has gathered more than 130 researchers and professors from seventeen institutions (see Appendix 2 below) and is launching an industrial affiliate program that enables close collaboration with 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 contact Viviane Hoang (viviane.hoang@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

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

Closing date for submissions : March 1st 2019

Decision notifications : March 31st 2019

For any questions, please contact:

- Viviane Hoang (viviane.hoang@inria.fr)
- *Frédéric Pascal* (frederic.pascal@centralesupelec.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-EN
Inria
Institut Mines-Telecom (Télécom ParisTech, 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