CALL FOR SHORT CONTRACTS 2021

Background

The DATAIA Institute – the AI institute of Université Paris-Saclay – 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 1000 researchers and professors from twelve institutions (see Appendix 2) and has created its industrial affiliate program that enables close collaboration with companies.

The DATAIA Institute supports research in data science through an annual "Call for Research Projects".

Pre-requisites

Short contract proposals are intended to help PhD students or post-docs to finalize and improve the work done in their project. This may involve novel scientific contributions, software developments or novel application of an existing ideas. Applications are for a duration from 6 to 12 months. However, the committee has the possibility to reduce them to 6 months to allocate more fellowships. Proposals must involve at least one partner of the DATAIA Paris-Saclay ecosystem, from different labs. Proposals involving two partners of the DATAIA Paris-Saclay ecosystem, from different labs, will receive a particular attention. The project 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	5 March 2021 at noon
Notification	31 March 2021
Contact	contact-dataia@inria.fr

Application process

Proposition (2 pages): The partners describe the objective of the project, its link with DATAIA, the work already completed by the student and by the partners and the intended contribution during the allocated time. The expected results (software, publications) should be described.

Support: If the project is accepted, DATAIA will fund the student for 6 to 12 months at the usual grant level (as a post-doc or PhD student). The proposal has to clearly indicate whether the contract is PhD or post-doc contract.

Engagements: In case of a PhD thesis, the manuscript should be sent to DATAIA upon publication. In case of a post-doc, a short scientific summary of contributions and publications (one page) will have to be sent. 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 project and whether it supports a PhD student or a post-doc.

Host laboratories must send applications by email to:

submission-dataia@inria.fr

Appendix 1
Subject areas

The scientific program of each proposal should explicitly address at least one of 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

AgroParisTech
CentraleSupélec
CEA
CNRS
ENS Paris-Saclay
IFPEN
Inria (Inria-Saclay)
Institut Mines-Télécom Business School
INRAE
Université d'Evry Val d'Essonne.
Université Paris-Saclay
Université Versailles St-Quentin-en-Yvelines