Recruitment for September 01, 2022

5-year **AI Senior Fellow** position

Discipline: Artificial Intelligence and Interactions

**PSL University is recruiting two AI Senior Fellows for a period of five years, starting in 2022-2023. These new fellows will be affiliated to one of PSL’s research laboratories and will teach data science in one of the university’s graduate programs, regardless of their main disciplines.**

**Context**

[PSL is a collegiate university that integrates 11 prestigious institutions](https://bit.ly/3wurd3g). It offers an exceptional training environment covering a broad spectrum of disciplines in experimental sciences, the humanities and “hard sciences”. As the first young university in the Times Higher Education ranking (THE), and ranked among the top 50 universities in the world in the main international rankings (QS, ARWU, CWUR), PSL attracts students of the highest international level.

PSL has had ambitious goals in the fields of artificial intelligence and data science for many years. These materialize in the [3IA PRAIRIE Institute](https://prairie-institute.fr/) and PariSanté Campus, as PSL is one of its founding members, but also the ENS-PSL Data Science Center, the Dauphine Digital Initiative, and the [transversal Data Science program](https://psl.eu/programmes-gradues/programme-data). In particular, the 3IA PRAIRIE Institute is a world leader in fundamental research and higher education in AI, supported by the transversal Data Science program, which aims at structuring the training offer in AI and at disseminating it among all disciplines (humanities, physics, astrophysics, chemistry, life sciences, etc.).

To increase these efforts, PSL intends to recruit seven fellows (five juniors and two seniors), starting in the academic year 2022-2023. These senior positions are open for a period of 5 years and are intended for confirmed academics who wish to pursue a high-level academic career while investing in the development of training options in AI, particularly in its applications.

**Teaching Environment**

Teaching AI and data science is relevant to all the schools and disciplines of PSL. The transversal Data Science program coordinates this effort and disseminates these disciplines at the graduate and postgraduate levels through innovative tools (refresher courses, intensive weeks, hackathons). A Cofund program for interdisciplinary PhDs, “AI for the sciences”, also funds 25 PhDs for international students.

PSL’s ambition is to increase the number of courses in AI and data science, especially in [graduate programs](https://psl.eu/en/education/psls-graduate-programs). A minor in AI will open at the beginning of the academic year 2022-2023 to allow students from all PSL graduate programs to validate a set of credits (ECTS) in the field.

Senior fellows are expected to contribute to this dynamic. They will offer new courses within the transversal Data Science program and the PSL’s graduate programs. They will work closely with the representatives of all applied disciplines as well as the heads of the transversal Data Science program in order to meet the specific needs of these disciplines.

They will have to adapt to a broad audience of non-specialists in mathematics or computer science.

These new fellows will also have to teach in English.

The expected teaching load is 100 hours per year, which a course preparation package.

**Research Environment**

PSL offers an exceptional environment for research in data science and artificial intelligence. As a founding member of the Interdisciplinary Institute for Artificial Intelligence PR[AI]RIE and PariSanté Campus, it is home to laboratories at the cutting edge of research.

Fellows joining PSL will be part of research dynamics at the highest international level, whether in the core areas of AI (mathematics or computer science) or in its numerous applied areas (physics, astrophysics, chemistry, life sciences, cognitive sciences, humanities, etc.).

The newly recruited fellows will join one of the laboratories of PSL depending on their profile.

**Excepted profile**

Candidates may come from any academic discipline, but they will need to demonstrate their ability to teach data science at master’s and doctoral levels to a broad audience and have a high-level research record in the field of AI and/or its applications. They are expected to create new courses within PSL’s various graduate programs.

**Salary**

The proposed gross salary is 3 889 €/month.

**How to apply?**

The application file must include:

- A detailed resume,

- The application form (Annex 1),

- A research and teaching statement (2 pages maximum),

- The PhD diploma,

- Letters of recommendation may also be attached to the file.

**Selection process**

- Applications should be sent to [Fellow@psl.eu](mailto:pierre-yves.angles@psl.eu) by June 24, 2022,

- Candidates selected for an audition will be invited to a video conference interview in July 2022,

- Successful candidates will be invited to take up their positions during the first semester of the academic year 2022/2023, ideally as early as September.

**Contact**

Bruno Bouchard: [bouchard@ceremade.dauphine.fr](mailto:bouchard@ceremade.dauphine.fr)

Annex 1: Application Form

* Name:       Surname:
* Nationality:       Date of birth:
* Title of the PhD thesis:       PhD supervisor:
* Date of the PhD defense:       Place of defense:
* Discipline:
* Current position:
* Specialization area in data science:
* Other discipline of application (if relevant):
* Based on your discipline, your experience and your projects, please indicate in which context you would consider joining PSL (with as much precision as you can).

*E.g. PSL schools you are interested in, specific laboratories, research teams, researchers with whom you could work, etc.*

*NB: All research teams, in all PSL disciplines, are likely to welcome an AI Fellow (e.g.: integration of an AI Fellow in a research team in the humanities where he/she would teach new methods).*