

Junior Professor Chair in artificial intelligence Université de Pau et des Pays de l'Adour, FRANCE

Contract duration: 5 ans

At the end of the 5 years, tenure as University Professors (after advice from an evaluation committee)

Recruitment open from May 7 to August 31, 2024

Research :

Research Profile: UPPA has a vacancy for a Junior Professorship in Artificial Intelligence (AI) for the start of the 2024 academic year. The person recruited must have a thesis in computer science or mathematics.

Depending on her/his profile, she/he will be assigned to either the UPPA Computer Science Laboratory (LIUPPA, EA 3000) or the Laboratory of Mathematics and Applications - Pau (LMAP, UMR CNRS 5142).

For a computer science profile, skills in one of the following areas are expected: AI for data processing, AI for software engineering, decentralized processing, optimization of network exchanges/interactions or AI for cybersecurity.

For a mathematical profile, skills are expected in one of the following areas: statistics, optimization, deep learning, numerical analysis or numerical simulation related to AI.

Laboratories description :

LIUPPA (laboratoire d'informatique de l'UPPA, EA 3000) :

Director: Richard Chbeir, 05 59 57 43 37, richard.chbeir@univ-pau.fr

Web site : <https://liuppa.univ-pau.fr/fr/index.html>

Fiche AERES LIUPPA : <https://www.hceres.fr/fr/rechercher-une-publication/liuppa-laboratoire-dinformatique-de-luniversite-de-pau-et-des-pays-de>

LMAP (Laboratoire de Mathématiques et de leurs Applications de Pau, UMR CNRS/UPPA 5142)

Director: Gilles Carbou, 05 59 40 75 32, gilles.carbou@univ-pau.fr

Web site: <https://lma-umr5142.univ-pau.fr/fr/index.html>

Fiche AERES labo : <https://www.hceres.fr/fr/rechercher-une-publication/lmap-laboratoire-demathematiques-et-de-leurs-applications-de-pau-0>

Teaching: The person recruited will have a service of 64 HeqTD per year, for 5 years. Depending on her/his profile (computer science or mathematics) and the location of her/his post (Pau, Anglet or Mont-de-Marsan), she/he will be involved in AI-related teaching in Master courses of Computer Sciences or /and Mathematics:

- Master « Mathematics and Applications »
(<https://formation.univ-pau.fr/fr/catalogue/sciences-technologies-sante-STS/master-XB/master-mention-mathematiques-et-applications-L3Y9AGO1.html>)
- Master « computer Science » (<https://formation.univ-pau.fr/fr/catalogue/sciences-technologies-sante-STS/master-XB/master-mention-informatique-L3Y98DNU.html>)

Financial means: The project will be financed by the ANR for 200 K€. It will cover at least 120K€ of payroll for the chairholder's collaborators (PhD student, post-doc, IT contractual), the balance being used for the project's operation (missions and travel, computer equipment).

The chairholder will be strongly encouraged to submit an ERC project within 3 years after the beginning of the chair and to obtain additional funding through his or her partnership activity and by responding to calls for proposals.

Applicant Requirements:

Candidates must fulfil one of the following conditions:

- Hold of a doctorate as provided for in Article L. 612 7 of the Education Code;
- Hold a doctorate in engineering
- Hold a foreign university degree judged equivalent to the above diplomas; in this case, a request for equivalence and a translation are mandatory;
- To justify titles or scientific works judged equivalent to the above diplomas; in this case, the candidates must formulate a request for equivalence.

Applications, selection and auditions :

Applications must be submitted exclusively online on Galaxie website (FIDIS) by August 31, 2024 at the following address:

https://www.galaxie.enseignementsup-recherche.gouv.fr/ensup/cand_recrutement_enseignants_chercheurs.htm

A sample application form can be downloaded at the following address:

<https://organisation.univ-pau.fr/fr/recrutement/recrutement-des-personnels-enseignants/recrutement-chaire-de-professeur-junior-cpj.html>

The evaluation will be carried out by a commission composed of internal and external experts. The composition of the commission will be made public before its work.

Only those candidates pre-selected by the committee will be invited to

- a seminar given to members of the prospective laboratory
- an audition. It will take place in Pau or by videoconference depending on the health situation. The audition will consist of a 30-minute presentation by the candidate of his (her) previous research and teaching works, his(her) research and teaching projects for the position of Junior Professor chair followed by a 30-minute discussion with the committee.

Evaluation Criteria

- Excellence of the candidate, motivation, supervisory skills
- Quality and originality of the research and teaching projects
- Integration of the project within the laboratory
- Ability to establish collaborative networks.
- Adequacy of the means to the proposed project and ability to mobilize complementary means