**Call for application**

**Temporary Lecturer and Research Assistant position**

- The “École normale supérieure de Rennes” -  
  *Sport sciences and physical education* Department  
  « Biomechanics, virtual reality, and physical activity »

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**Context**

The École normale supérieure de Rennes (ENS Rennes) is a prestigious public institution of higher education and research and one of the major French Grandes Ecoles which are considered to be the pinnacle of French higher education (www.ens-rennes.fr). The *Sports sciences and physical education* department (2SEP) is the only Sport Sciences department within an École normale supérieure (ENS) in France. Training and research missions are both focused on the Human and Social Sciences and on the Life and Health Sciences. The 2SEP department works in relation with two research laboratories: the VIPS² laboratory and the M2S laboratory. The training plan and the research policy of the 2SEP department are organized to meet a dual objective: to train students in and through research in the field of Sport Sciences, and to prepare them for the national competition of the external aggregation in Physical and Sport Education. The research policy is in line with the strategic objectives of ENS Rennes centered on physical and sporting practices, in the context of the digital revolution and the environmental transition, particularly to face health issues. Regarding the digital revolution, the ENS Rennes is a founding member of the University Research School (EUR) named DIGISPORT.

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**Teaching mission**

The assistant will carry out all of his/her teaching duties at the 2SEP department. The lessons provided will be part of the training for students in the fields of Life Sciences and Health. More specifically, the assistant will propose lessons related to Biomechanics and the analysis of human movement: motion capture, programming on Python, and signal processing. In addition, lessons related to statistics, utilising computer software such as R and LaTeX, will be carried out by the assistant. The latter will also ensure the supervision and follow-up of research projects for the first- and second-year students. As part of the new training course, the assistant will support the implementation of a new teaching module on "Virtual reality and physical activity". Scientific and technical skills in this area are therefore expected, in relation with the research profile presented below.

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**Research profile**

The assistant will conduct his/her research activity in the *Movement, Sport and Health* laboratory (M2S), more specifically within the "PRACTISE" team (Sport, Physical Activity and Health). In line with the research plan of the team, the assistant will contribute to one of the research axes that focusses on "**e-health and digital innovations for sustainable physical activity and sport**". The use of virtual reality to address research issues related to the study of the effects of physical activity in the management of chronic diseases (e.g., lower extremity PAD or Cancer) remains an important goal of this research axis. In addition, technical and methodological developments related to the use
of activity monitors for e-Health are another goal objective of this research axis. The DIGISPORT would offer a positive context for the development of such a research work.

**Participation in the daily life of the 2SEP department**

The assistant will fully engage in the daily life of the 2SEP department including weekly meetings, department councils (two times a year), annual internal research congress. In line with his/her other duties, the assistant would be able to participate in a mission of general interest to support the development of the 2SEP department.

**Period and contractual working time**

Full time employment, from one to three years, according to administrative status (see below).

**Legal requirements and eligibility criteria**

See legal provisions here: [https://www.legifrance.gouv.fr/loda/id/JORFTEXT000000312907/](https://www.legifrance.gouv.fr/loda/id/JORFTEXT000000312907/)

See also: [https://www.enseignementsup-recherche.gouv.fr/fr/devenir-attache-temporaire-d-enseignement-et-de-recherche-ater-46539](https://www.enseignementsup-recherche.gouv.fr/fr/devenir-attache-temporaire-d-enseignement-et-de-recherche-ater-46539)

**Remuneration**

Gross monthly salary: ~2066.53€, plus an annual bonus of 1259.97€

See legal provisions here: [https://www.legifrance.gouv.fr/loda/id/JORFTEXT000000296298/](https://www.legifrance.gouv.fr/loda/id/JORFTEXT000000296298/)

**Application form**

The application file must be sent by e-mail to rh@ens-rennes.fr before to **April 22nd, 2022**

**Contact**

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**References**

- [www.sciencesport.ens-rennes.fr](http://www.sciencesport.ens-rennes.fr)
- [www.ens-rennes.fr](http://www.ens-rennes.fr)
- [https://m2slab.com](https://m2slab.com)
- [https://m2slab.com/index.php/practise-team-2](https://m2slab.com/index.php/practise-team-2)
- [https://digisport.univ-rennes.fr](https://digisport.univ-rennes.fr)