

1 sports scientist with a specialisation in data science (m/f) (full time permanent contract)

Main tasks:

- Cover all topics related to data collection, management and analysis linked to elite athletes using advanced statistical and machine learning techniques.
- Collaborate with interdisciplinary teams under the supervision of the LIHPS department heads to incorporate data insights into practical applications and ensure an integrated approach to performance optimisation as well as injury and illness prevention.
- Develop predictive models and decision-making tools to support LIHPS experts in the fields of performance and prevention and facilitate interdepartmental collaboration using monitoring instruments.
- Ensure further development, maintenance and analysis of the database with data collected from the various areas of LIHPS.
- Provide support and advice to athletes and coaches on sports science topics and assist in the coordination of LIHPS support activities.
- Reinforce the teams involved in athlete testing and evaluation.
- Work as an integral member of a team of dedicated LIHPS experts in all relevant areas of high-performance sports.

Required qualifications:

- Master's degree in sports science with a specialisation in data science or a similar field related to high-performance sports.
- 3 years of professional experience.
- Advanced programming skills in Python, R, or similar data analysis languages.
- Proven expertise in sports-related data analysis, statistical modelling, and machine learning.
- Advanced knowledge of monitoring performance, load, injuries and illnesses of elite athletes is an advantage.
- Certification as a sports coach is an advantage.
- Fluency in English and French or German is required, Luxembourgish is an advantage.
- Excellent communication and collaboration skills, with the ability to translate complex data insights into actionable strategies.
- Ability to work independently and as part of a team.

Interested individuals are invited to send their application together with a CV, cover letter and copies of certificates and diplomas before 23 September 2024 to the following address:

Luxembourg Institute for High Performance in Sports
Mr Alwin de Prins
3, route d'Arlon
L-8009 Strassen
or info@lihps.lu