

Fully-Funded PhD Position in Multi-Modal Machine Learning

Vrije Universiteit Brussel (VUB)

How do you combine multiple machine learning models in smart and efficient ways?

How can multi-modal learning aid AI trustworthiness?

How can we use the power of kernel methods in deep learning?

If these questions put a sparkle in your eyes, we are looking for you to join our research team at the VUB Artificial Intelligence Laboratory (<https://ai.vub.ac.be>)

We are offering fully funded joint PhD positions to enthusiastic and highly motivated candidates. You will join a multidisciplinary team of researchers that is dedicated to fundamental and strategic research at the intersection of the fields of artificial intelligence, linguistics and computer science.

Your profile:

- You have obtained a master's degree in artificial intelligence, computer science, mathematics or a related domain. You have a solid academic track record. Students who will obtain their master's degree in 2024 are also very much encouraged to apply!
- You are passionate about developing new machine learning models, and are not afraid to dive into the mathematical derivations behind them.
- You strive for excellence and have a scientific mindset.
- You are a loyal team player, who can work autonomously and deliver solid scientific work.
- You have strong communication skills in English. Proficiency in (or willingness to learn) Dutch is considered an asset.

We offer:

- A fully-funded PhD position (up to 4 years upon positive evaluation)
- A stimulating and lively scientific environment
- The opportunity to carry out research at the highest international level, aiming for excellence in research with impact on society
- The opportunity to collaborate with leading research groups at different universities and companies in Belgium and abroad
- Hospitalisation insurance, public transport reimbursement and other benefits

How to apply:

To express your interest, please send the following documents to prof. dr. Lynn Houthuys (lynn.houthuys@vub.be).

- Cover letter of motivation with contact information (max. 2 pages)
- A detailed CV
- Transcripts of academic records of Master's degrees and degree certificates
- Name and contact details of two references who would be willing to write a recommendation letter if asked
- A writing sample (preferably your master's thesis)

The starting date can be decided upon in concertation with the candidate (between February and October 2024). All applications received before 26/02/2024 will be fully considered. Applications received after this date will be considered on a case by case basis depending on the number of unfilled positions left.

For more information, do not hesitate to contact prof. dr. Lynn Houthuys (lynn.houthuys@vub.be).