Eurohaptics 2024 Job dating

Academic Role

Postdoc @ TU Delft (Delft, The Netherlands)

Job Title: Postdoc

Institution Name: Delft University of Technology (TU Delft)

Location: Delft, The Netherlands

Job Type: Full-time (1 year with possibility of extension)

About Us:

The Haptic Interface Technology Lab (HITLab) is an interdisciplinary research group led by Dr. Yasemin Vardar at the Human-Robot Interaction Section of the Cognitive Robotics Department of the Delft University of Technology. Our overarching goal is to understand the relationship between the mechanical deformation of human skin and tactile perception and how this relation can be effectively simulated via haptic interfaces in digital environments.

Our team benefits from the collaborative and interdisciplinary research environment of the Human-Robot Interaction (HRI) Section, creating versatile development opportunities. We have strong collaboration within and outside of the university.

For more information, you can see our website: https://www.hitlabtud.nl.

Job Description and Key Responsibilities:

We are looking for a highly motivated postdoc interested in application of artificial intelligence (AI) algorithms to haptics!

Haptic Interface Technology Lab (HITLab) seeks a highly motivated postdoc to analyze or synthesize tactile information (e.g., time series data) using supervised and unsupervised learning models.

Besides, you will develop your

- a) writing and communication skills by publishing in journals and conferences,
- b) presentation and networking skills by attending international conferences,
- c) leadership skills by co-supervising B.Sc./M.Sc./Ph.D. students for their projects and improving lab organization, and
- d) teaching skills by actively contributing to courses as a teaching assistant,
- e) gain experience in grant proposal writing.

Requirements:

- High motivation for working on an interdisciplinary research project.

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- Ph.D. degree* in a related subject (Computer science, electronics engineering, mechanical engineering, etc.).
- Strong academic performance in relevant areas.
- Interest in haptics.
- Dare to dream big and take initiative.
- Hunger for learning "new" things.
- Independent and critical attitude.
- Strong work ethic and integrity.

Preferred Qualifications:

- Experience applying deep learning models to analyze or synthesize time series data.
- Motivation to apply for Marie Curie postdoctoral fellowship for possible contract extension are specifically encouraged to apply.

How to Apply:

Interested candidates are invited to submit their application via this link.

Presence at Eurohaptics 2024 in Lille, France:

We will be participating in the job event at Eurohaptics 2024 in Lille, France. Please send an email to y.vardar@tudelft.nl to arrange a meeting for an in-depth discussion about this job opportunity and a preliminary interview.