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Technische Universität Darmstadt is establishing a Centre for Cognitive Science and invites applications for

## 4 tenured professorships

The Centre's research programme will be based on computational and engineering approaches to Cognitive Science, with strong interactions with the engineering departments. Research methodologies will include, but are not limited to, theoretical studies, human experimental work, cognitive engineering applications, the use of big data, and ubiquitous sensing. The professorships are to be filled in the Department of Human Sciences (Institutes of Psychology and of Sports Science) and in the Department of Computer Science, and will complement and interact with the existing research activities in Cognitive science at Technische Universität Darmstadt.

The four positions are to be filled in the following areas:

**One professorship (W2/W3)** in the Institute of Sports Sciences in the area

- **Sensorimotor Control & Learning**

**two professorships (W2/W3)** in the Institute of Psychology in the areas

- **Perception,**
- **Decision Making & Preference or**
- **Models of Higher Cognition (e.g. reasoning, natural language, learning and memory),**

and **one professorship (W3)** in the Department of Computer Science in the areas

- **Machine Learning or**
- **Biosignal Processing (e.g. prosthetics, brain-computer interface).**

Successful appointees are expected to contribute to teaching in the study programme for cognitive science, which is currently being developed, and to the undergraduate and graduate level courses of their respective departments.

The positions are tenured with a remuneration package commensurate with experience and qualifications, following the German "W-Besoldung". The regulations for employment are specified under §§ 61 and 62 HHG (Hessisches Hochschulgesetz).

The Technische Universität Darmstadt intends to increase the number of female faculty members and encourages female candidates to apply. In case of equal qualifications applicants with a degree of disability of at least 50 or equal will be given preference.

The Technische Universität Darmstadt is certified as a family-friendly university and offers a dual career program.

Applications should include a curriculum vitae, list of publications, copies of relevant diplomas, as well as a research and teaching statement, preferably all in a single PDF file. Applications for the positions in the Institute of Sport Science and the Institute of Psychology should be directed to the Dean of the Department of Human Sciences, Professor Frank Hänsel ([dekanat@humanw.tu-darmstadt.de](mailto:dekanat@humanw.tu-darmstadt.de)); applications for the position in Computer Science should be directed to the Dean of the Department of Computer Science, Professor Reiner Hähnle ([dekanat@informatik.tu-darmstadt.de](mailto:dekanat@informatik.tu-darmstadt.de)). It is possible to apply for several of the positions. Please include the code number of the position(s) you apply for.

Informal enquiries may be addressed to Professor Constantin Rothkopf (Tel +49 6151 16-76084; [rothkopf@psychologie.tu-darmstadt.de](mailto:rothkopf@psychologie.tu-darmstadt.de)) or Professor Jan Peters (Tel +49-6151-16-7351; [peters@ias.tu-darmstadt.de](mailto:peters@ias.tu-darmstadt.de)). For further information please also visit [www.cogsci.tu-darmstadt.de](http://www.cogsci.tu-darmstadt.de).

**Code No. 489** (Sensorimotor Control)

**Code No. 490** (Perception, Decision Making & Preference, Models of Higher Cognition)

**Code No. 491** (Machine Learning, Biosignal Processing)

**Application deadline: January 31, 2016**

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