As a participating partner of the INTUITIVE Training Network, the Institute of
Cognitive Science invites applications for

1 Research Associate (m, f, d)
(Salary level E 13 TV-L, 100 %)

to be filled by 1st of March 2020 for a period of three years.

INTUITIVE is an Innovative Training Network under EU H2020 MSCA that will
provide a unique research training opportunity to students within the
burgeoning multidisciplinary field of haptic user interfaces, touch perceptual
mechanisms in the brain, artificial touch in robotics, flexible electronics and
their applications in robotics and assistive technology. INTUITIVE offers 15
early stage researcher (ESR) positions, to obtain a PhD degree or to conduct
studies at an equivalent level for 36 months, each with strategic research
training opportunities with exceptional career prospects in leading academia
and industry.

Accepted applicants will receive training at their respective host
institutions but will also receive multidisciplinary training through secondments
at other partner institutions of INTUITIVE, selected on basis of their
complementarity to help ESRs achieving maximal gain in their professional
development. All secondments are generously supported by earmarked
mobility allowances and, when applicable, family allowances. INTUITIVE will
also feature a high number of summer schools and training opportunities
aiming through cross-disciplinarily to foster innovativeness and potential
industrial exploitation of their research results.

For further information about the project, see: http://intuitive-itn.eu
For further information about MSCA-ITN under EU H2020, see:
https://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-
sklodowska-curie-actions

Description of Responsibilities:
The PhD student would work at the Institute of Cognitive Science of Osnabrück
University under the supervision of Prof. Peter König. The tasks involve High
bandwidth tactile based sensory augmentation. For this purpose existing technology
in form of the feelSpace belt is merged with beyond state-of-the-art tactile
stimulation techniques. Further, usability studies will be performed with healthy and
visually impaired subjects.

Required Qualifications:
Applicants are expected to have an excellent academic degree (Master/Diploma) in
Cognitive Science or related fields. They must have a profound knowledge of the
neurophysiology of cognitive processes and experience in conducting complex
physiological experiments. Advanced knowledge in data analysis techniques
(generalized linear models, statistical techniques) by MatLab/Python/R is required.
Finally, a good command of the English language is expected.

The position may be held full-time or part-time.

Osnabrück University has been certified as a family-friendly university committed to
helping working/studying parents and carers balance their family and work life.
The university aspires to ensure equal opportunities for men and women and strives to work towards a gender balance in schools or departments where new appointments are made.

If equally qualified candidates apply, preference will be given to those with special needs.

Applications with the usual documentation should be submitted by e-mail in a single PDF-file to Prof. Dr. Peter König (pkoenig@uni-osnabrueck.de) with a cc to office@ikw.uni-osnabrueck.de no later than January 1, 2020. Further information can be obtained from Prof. Dr. Peter König (pkönig@uni-osnabrueck.de).