

We are looking for a

Research Staff member (PhD student)

for an international research project on Trustworthy Sensing and Cooperation in Visual Sensor Networks. The project focuses on the development of privacy protection and security techniques for single and multi-camera networks. The work ranges from the development of theoretical concepts, user studies and evaluations, over system design to the implementation of early prototypes and is conducted in collaboration with the National University of Singapore (NUS).

Candidates should have a strong interest in one or more of the following topics:

- privacy protection and IT security
- smart cameras and embedded systems development
- computer vision and image processing

Prospective candidates should have skills and interests in areas such as embedded systems programming in C, C++, Python or related languages; development for resource-constraint microcontroller platforms; embedded Linux; computer vision and related toolboxes (e.g., OpenCV, IVT, Gstreamer).

Project TrustEYE builds on our preliminary research on trustworthy smart cameras. More information about TrustEYE and our preliminary work is available at: <http://trusteye.aau.at>

About the Institute

The Institute of Networked and Embedded Systems (NES) has almost 50 staff members and performs cutting edge research in emerging areas including sensor and camera networks, wireless communications and networking, signal processing and autonomous aerial robot systems. NES is hosting the Erasmus-Mundus Doctoral School on "Interactive and Cognitive Environments (ICE)" and is participating in the Lakeside Labs research cluster on "Self-organizing Networked Systems". With more than 40% of researchers from abroad, we offer a truly intercultural environment in beautiful southern Austria. Our business language is English.

For additional information about the institute visit <http://nes.aau.at> as well as our latest brochure: http://www.aau.at/tewi/downloads/NES5_Broschure_2012.pdf

Requirements and Application Information

The compensation for this position complies with the FWF guidelines and Uni-KV B1 (part time contract of 30h/week with a minimum annual gross income of € 27066). The employment contract may be expanded to 40h/week (full time) depending on the availability of funding and the candidate's performance. A formal requirement for this position is the successful completion of a master program in information technology, computer science or a related field of studies.

Your application should include a letter of interest, curriculum vitae, academic certificates and courses, list of publications and contact details of two references. Please submit your application as a single PDF file until **Sept. 24th 2012** to: Thomas.Winkler@aau.at



Contact:

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