

PhD Student m/f: Marie Curie fellowship, EU-Project "iCareNet"

iCareNet: Marie Curie fellowships for research on human behaviour and context awareness

In total 19 prestigious Marie Curie fellowships for PhD and Postdoc positions are available within **iCareNet**, the European research and training network on **"Context awareness for healthcare, wellness, and assisted living"**.

iCareNet:

- performs research on context-aware systems to assist users in situations, in which the use of conventional computers and mobile devices is out of question.
- united efforts of an interdisciplinary network of leading European academic, medical, and industrial partners. Each fellow interacts with several partners in order to design, develop and evaluate novel technical solutions.

The iCareNet consortium is looking for **PhD and Postdoc candidates**, who have a background in computer science, biomedical and electrical engineering, or in Social Sciences and Human Engineering, with a strong inclination to research in healthcare and related fields. Each PhD fellow position is fully funded for three years.

Interested candidates are invited to submit their application material for one or more positions within the network. In addition, applicants are asked to provide a 1-page statement on their motivation to become part of this exciting network in PDF format by email to icarenet_apply@lists.actlab.ele.tue.nl. The statement may be reviewed by all iCareNet partner organisations. Positions will be filled as soon as possible. More information is available on www.icarenet.eu.

One of iCareNet's PhD fellowship positions will be hosted by Future-Shape in Höhenkirchen-Siegertsbrunn near Munich, Germany. The topic of this specific fellowship will be:

Long-term activity monitoring in AAL using a large area sensor system in the floor

The project will analyse activity patterns captured by means of large-area capacitive sensors in the floor (SensFloor). From spatio-temporal patterns of the sensor data, a person's / patient's location and behaviour can be estimated. In particular, behaviour which can be correlated to changes of the health state are of interest. Therefore, the project focusses on long term activity monitoring of data obtained from locations visited regularly by residents such as the bathroom or the bedroom. Therefore, major workpackages will be the adaptation of the existing SensFloor technology to wet rooms (tiles) and the processing of the sensor data to obtain parameters which characterize the health state of the resident.

Candidates interested in this PhD position are invited to submit their application by post or by email to:

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Human Resources
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