

– Master-/Bachelor Thesis – Face Recognition for Siblings

da/sec



da/sec is the biometrics and Internet security research group and is affiliated with University of Applied Sciences Darmstadt and the National Research Center for Applied Cybersecurity (ATHENE). The group is led by Prof. Dr. Christoph Busch. The focus of the group is on highly innovative and applied IT security research in the special fields of biometrics. Read more on www.dasec.h-da.de.

Motivation & Goal

Due to their similarity in facial appearance, face recognition systems are challenged by related subjects, in particular siblings (including twins).
The goal of this project is to collect a database of face images of siblings and evaluate state-of-the-art face recognition systems on it.

Tasks

- Collection of sibling face database
- Performance evaluation of face recognition systems

We offer

- Incentives for the student to work on this project (work within scientific context, international collaboration, work on project in collaboration with companies)

Requirements

- High motivation and creativity
- Programming skills
- Good analytical skills
- Interest in biometric recognition

By Date

By now / by appointment

Contact

Dr. Christian Rathgeb
Christian.rathgeb@h-da.de

h_da
Faculty of
Computer Science
ATHENE – National Research Center for Applied Cybersecurity
da/sec – biometrics and internet security research group
Schöfferstraße 8b
64295 Darmstadt

