



Bachelor's and Master's Thesis

Face Recall: I Think, We Have Met Before!

Description

When we see a face, we are able to automatically identify if the person is known to us or is a stranger. Sometimes a stranger's face reminds us of someone we know. The dialog that follows in each of these situations communicates whether we recognised the person and with what certainty. This thesis would explore:

- What **face descriptors** could be used to represent a face?
- How can **associations** between face descriptors and face identity be defined and stored?
- Which face descriptor would be best suited for good face recall?
- How can the recalled face identity and the certainty of the face recall be integrated in the **dialog** with the human?

Requirements

Good C++ or Python programming skills; basic knowledge of machine learning and image processing algorithms; familiarity with Windows or Linux, and optionally, Robot Operating System (ROS).

Contact

If you are interested in doing a thesis on this topic, please contact:
Teena Hassan (thassan@techfak.uni-bielefeld.de).



Dieses Thema
online ansehen.