

**DAAD-Programm „Deutsch-Arabische Transformationspartnerschaft“,  
Programmlinie 4: Deutsch-Arabische Forschungspartnerschaften****Projektprofil****Titel des Projekts:**

Establishment of a Research Group and Cognition Lab.: JESICS

**Name der deutschen Hochschule(n):**

Universität Osnabrück

**Projektverantwortliche(r):**

Prof. Dr. Kai-Uwe Kühnberger

**Partnerland/-länder:**

Ägypten

<b>Partnerhochschule(n)</b>
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Ain Shams University Kairo
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**Kurzbeschreibung / Projektziele:**

The goal of this project is threefold: (1) to form a leading research group specialized in cognitive science, (2) to start the research activities of the group by focusing on a seeding project that develops a cognitively inspired computational model to understand drawn sketches, and (3) to establish an equipped cognition lab in Egypt that works as a kernel center for those who are interested in conducting exploratory and interdisciplinary studies. The first target is to establish a research group that specializes on examining problem solving capabilities of cognitive beings and model such capabilities within artificial intelligent frameworks. “The Joint Exploratory Society for Interdisciplinary and Computational Studies” (JESICS) is proposed as the first kernel society of its kind all over Egypt. The group aims to study and solve fundamental cognition problems, where methodologies from both natural and human sciences are typically employed. This will be triggered through a seeding project that develops an AI competence model for the recognition, classification, memorization and retrieval of “sketches”.

**Links:**

For more information, please refer to our webpage [www.facebook.com/j6group](http://www.facebook.com/j6group) or send a message to [jetics@sci.asu.edu.eg](mailto:jetics@sci.asu.edu.eg).