



The SPENCER project in short:

Title: Social situation-aware perception and action for cognitive robots

Acronym: SPENCER

Beneficiaries: 8 partners

Duration: 1 April 2013 - 31 March 2016

Call: FP7-ICT-2011-9

Contact & information: www.spencer.eu



SPENCER will break new ground for cognitive systems in populated environments.

Our research covers key areas of interactive intelligent systems such as perception of people and groups of people in sensory data, normative human behavior learning and modeling, socially-aware mapping, and socially-aware task, motion and interaction planning in unstructured real-world environments and from mobile platforms.

In the demonstration scenario we will deploy a fully autonomous mobile robot for smart passengers flow management at the Amsterdam Schiphol Airport.

Partners:

Albert-Ludwigs-Universität Freiburg, Germany

[Kai Arras](#): Coordinator, PI

Technische Universität München, Germany

[Rudolph Triebel](#): Scientific Manager & [Daniel Cremers](#), PI

Universiteit Twente, The Netherlands

[Vanesse Evers](#) & [Hayley Hung](#), PI

Örebro University, Sweden

[Achim J. Lilienthal](#), PI

Centre National de la Recherche Scientifique CNRS, France

[Rachid Alami](#) & [Raja Chatila](#), PI

Rheinisch-Westfälische Technische Hochschule Aachen, Germany

[Bastian Leibe](#), PI

BlueBotics SA, Switzerland

[Patrick Balmer](#), PI

KLM Royal Dutch Airlines, The Netherlands

[Ruben Alblas](#), PI