

# GEIST research areas and expertise:

~~TAGCLOUD~~

## AI and Expert Systems

- artificial intelligence,
- knowledge-based intelligent systems
- knowledge engineering, knowledge representation, inference,
- rule-based systems, tabular rule-base systems,
- evaluation, verification and validation of intelligent systems,
- logic programming and prolog.

### Projects

ai intelligent\_systems KE KR rules prolog hekate +project

### Software

ai intelligent\_systems KE KR rules prolog hekate +software

## Semantic Web Technologies

- the semantic web and internet technologies
- semantic knowledge wikis,

### Projects

semantic +project

### Software

semantic +software

## Databases

- relational databases, and data warehouses
- geographical information systems (gis)

## Projects

gis database +project

## Software

gis database +software

## Software Engineering

- software engineering methods

## Projects

SE +project

## Software

SE +software

## Control and Automation

- intelligent control for mobile robots
- plan generation, planning systems, problem solving,
- automated diagnosis.

## Formal Methods

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Last update: **2009/08/16 10:13**

