# **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)

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## **Projects**

gis geospatial database +project

### **Software**

gis geospatial 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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