# **GEIST** research areas and expertise

1)

### **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.

## **Semantic Web Technologies**

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

#### **Databases**

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

### **Software Engineering**

software engineering methods

## **Control and Automation**

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

### **Formal Methods**

1)

**TAGCLOUD** 

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