# **GEIST** research areas and expertise



~~TAGCLOUD~~ **FIX IME:** apply the patch to have separate TAGCLOUDS for different namespaces: http://www.dokuwiki.org/plugin:cloud#namespace\_clouds

project software

## 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.

See GEIST projects: ai intelligent\_systems rule-based\_systems ke kr rules prolog hekate +project

See GEIST software: ai intelligent\_systems rule-based\_systems ke kr rules prolog hekate +software

### **Semantic Web Technologies**

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

See GEIST projects: semantic semantic\_web semantic\_wikis +project

See GEIST software: semantic semantic\_web semantic\_wikis +software

#### Databases

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

See GEIST projects: gis geospatial database +project

See GEIST software: gis geospatial database +software

## **Software Engineering**

• software engineering methods

See GEIST projects: se design +project

See GEIST software: se design +software

#### **Control and Automation**

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

See GEIST projects: control robots planning diagnosis +project

See GEIST software: control robots planning diagnosis +software

#### **Formal Methods**

See GEIST projects: formal\_methods +project

See GEIST software: formal\_methods +software

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