

Celebrating AAAI's 25th Anniversary The Twentieth National Conference on Artificial Intelligence July 9-13, 2005, Pittsburgh, Pennsylvania

Keywords

AI architectures activity recognition art and music

auctions and market-based systems machine translation

automated modeling automated reasoning Bayesian networks behavior-based control belief maintenance biological inspiration of AI

case-based reasoning cognitive modeling common-sense reasoning computational complexity

computer-aided education

computer vision constraint satisfaction

control data mining databases decision theory decision trees description logics

diagnosis discourse distributed AI

evolutionary computation

expert systems

explanation generation

game playing game theory

geometric or spatial reasoning human computer interaction human robot interaction information integration information retrieval knowledge acquisition knowledge engineering

knowledge representation

logic programming machine learning machine perception machine translation Markov decision processes

mathematical foundations multiagent learning multiagent systems

multi-robot systems natural language processing

negotiation neural networks

nonmonotonic reasoning

ontologies

plan execution and monitoring

plan recognition

plan/workflow analysis

planning preferences

qualitative reasoning real-time systems reinforcement learning

robotics scheduling

scientific discovery

search

semantic web situated reasoning software agents speech recognition speech understanding statistical learning swarm intelligence temporal reasoning theorem proving uncertainty virtual reality

vision

vision/challenge