

# Important6

Bastian Lang

Master of Autonomous Systems

April 6, 2015

## Conferences

- ICRA - International Conference on Robotics and Automation
- AAMAS(Agents) - Autonomous Agents & Multiagent Systems/International Conference on Autonomous Agents
- IROS - International Conference on Intelligent RObots and Systems - IROS
- ICMAS - International Conference on Multiagent Systems
- ATAL - Autonomous Agents & Multiagent Systems/Agent Theories, Architectures, and Languages
- SMC - IEEE International Conference on Systems, Man, and Cybernetics

- EXPERT - IEEE Expert / IEEE Intelligent Systems
- RaS - Robotics and Autonomous Systems
- AROBOTS - Autonomous Robots
- IJIS - International Journal of Intelligent Systems
- TRob - IEEE Transactions on Robotics
- AAMAS - Autonomous Agents and Multi-agent Systems

- Intelligent Agents: Theory and Practice (1995)
- BDI Agents: From Theory to Practice (1995)
- Introduction to robotics: mechanics and control
- Probabilistic robotics
- Behavior-based robotics
- Robotics: Control Sensing. Vis.

## Conferences

- AAAI - National Conference on Artificial Intelligence
- IJCAI - International Joint Conference on Artificial Intelligence
- ICML - International Conference on Machine Learning
- ICGA - International Conference on Genetic Algorithms
- UAI - Uncertainty in Artificial Intelligence
- KR - Principles of Knowledge Representation and Reasoning

# AI Journals

- AI - Artificial Intelligence
- FSS - Fuzzy Sets and Systems
- Neural Networks
- TFS - IEEE Transactions on Fuzzy Systems
- JAIR - Journal of Artificial Intelligence Research
- AIM - Ai Magazine

- Intelligent Agents (2009)
- Data Mining: Practical Machine Learning Tools and Techniques (2005)
- NEURAL NETWORKS (2006)
- Particle swarm optimization (2007)
- Gaussian processes for machine learning (2006)
- Practical genetic algorithms (2005)

# Pattern Recognition & Computer/Machine Vision Conferences

## Conferences

- CVPR - Computer Vision and Pattern Recognition
- ICCV - International Conference on Computer Vision
- ECCV - European Conference on Computer Vision
- NIPS - Neural Information Processing Systems
- ICPR - International Conference on Pattern Recognition
- ISNN - International Symposium on Neural Networks



# Pattern Recognition & Computer/Machine Vision Journals

- IJCV - International Journal of Computer Vision
- CVGIP - Graphical Models /graphical Models and Image Processing /computer Vision, Graphics, and Image Processing
- CVIU - Computer Vision and Image Understanding
- PAMI - IEEE Transactions on Pattern Analysis and Machine Intelligence
- PR - Pattern Recognition
- PRL - Pattern Recognition Letters

- A Performance Evaluation of Local Descriptors (2005)
- Histograms of Oriented Gradients for Human Detection (2005)
- SURF: Speeded-Up Robust Features (2006)
- NEURAL NETWORKS (2006)
- Neural Networks and Physical Systems with Emergent Collective Computational Abilities (2006)
- Pattern Recognition and Machine Learning (2006)