CoTeSys / Cognition for Technical Systems

Name: CoTeSys / Cognition for Technical Systems

Occurences:
- Kollektionen
entries:

CoTeSys / Cognition for Technical Systems > Neurocognition

[1/260]: Deml, B.; Neumann, H.; Predicting the distraction of car drivers by cognitive modelling; ATZe; 2008; 3; 2; Feb; 26-31

[2/260]: Puente León, F.; Deml, B.; Domotik: Fluch oder Segen? Das intelligente Haus: Stand der Technik und Potenzial; Deutsches Ingenieurblatt; 2006; 11; Nov; 18-23

[3/260]: Deml, B.; Neumann, H.; Müller, A.; Enhancing an autonomous car by a cognitive driver model; Int. Workshop on Distributed Intelligent Systems and Technology; St. Petersburg, Russia, June 9-11, 2008; 2008


[5/260]: Deml, B.; Puente León, F.; The intelligent home: state-of-the-art and potentials for domotics.; 217-228; Reports on Distributed Measurement Systems; Puente León, F.; Shaker; 2008

[6/260]: Neumann, H.; Deml, B.; Modellierung individueller Unterschiede in einem psychologischen Fahrermodell; 2. Berliner Fachtagung Fahrermodellierung; Berlin, Germany, June 19-20, 2008; 2008


[9/260]: Baldauf, D.; Wolf, M.; Deubel, H.; Deployment of visual attention before sequences of goal-directed hand movements; Vision Res; 2006; 46; 26; 4355-74

[10/260]: Baldauf, D.; Deubel, H.; Visual attention during the preparation of bimanual movements; Vision Res; 2008; 48; 4; 549-63


[13/260]: Deubel, H; The time course of presaccadic attention shifts; Psychological Research; 2008


[15/260]: Schubö, Anna; Vesper, Cordula; Wiesbeck, Mathey; Stork, Sonja; Movement Coordination in Applied Human-Human and Human-Robot Interaction; HCI and Usability for Medicine and Health Care. Proceedings of the 3rd Symposium of the Workgroup Human-Computer Interaction and Usability Engineering of the Austrian Computer Society; Graz, Austria, November 22, 2007; 2007

[16/260]: Schubö, Anna; Wykowska, Agnieszka; Müller, Hermann J.; Detecting Pop-out Targets in Contexts of Varying Homogeneity: Investigating Homogeneity Coding with Event-related Brain Potentials; Brain Research; 2007; 1138; 136-147

[17/260]: Schankin, Andrea; Schubö, Anna; The Time Course of Attentional Guidance in Contextual Cueing; Proceedings of the 5th International Workshop on Attention in Cognitive Systems (WAPCV); Santorini, Greece, May 12, 2008; 2008

[18/260]: Schankin, Andrea; Stursberg, Olaf; Schubö, Anna; The Role of Implicit Context Information in Guiding Visual-spatial Attention; Proceedings of the 4th International Cognitive Vision Workshop (ICCVW); Santorini, Greece, May 12-13, 2008; 2008

[19/260]: Schubö, Anna; Maldonado, Alexis; Stork, Sonja; Beetz, Michael; Grasping an Object with Various Intentions; Proceedings of the 17th IEEE International Symposium on Robot & Human Interactive Communication (RO-MAN); Munich, Germany, August 1-3, 2008; 2008

[20/260]: Stork, Sonja; Stößel, Christian; Schubö, Anna; Optimizing Human-machine Interaction in Manual Assembly; Proceedings of the 17th IEEE International Symposium on Robot & Human Interactive Communication (RO-MAN); Munich, Germany, August 1-3, 2008; 2008
Stößel, Christian; Wiesbeck, Mathey; Stork, Sonja; Zäh, Michael; Schubö, Anna; Towards Optimal Worker Assistance: Investigating Cognitive Processes in Manual Assembly; Proceedings of the 41st CIRP Conference on Manufacturing Systems; Tokyo, Japan, May 26-28, 2008; Springer; 2008

Vesper, Cordula; Stork, Sonja; Schubö, Anna; Movement Times in Inter- and Intrapersonal Human Coordination; Proceedings of the ECSIS Symposium on Learning and Adaptive Behavior in Robotic Systems; Edinburgh, Scotland, August 6-8, 2008; 2008

Stork, Sonja; Stößel, Christian; Müller, Hermann; Wiesbeck, Mathey; Zäh, Michael; Schubö, Anna; A Neuroergonomic Approach for the Investigation of Cognitive Processes in Interactive Assembly Environments; Proceedings of the 16th IEEE International Conference on Robot & Human Interactive Communication (RO-MAN); Jeju Island, Korea, August 26-29, 2007; 2007

Vesper, Cordula; Stork, Sonja; Wiesbeck, Mathey; Schubö, Anna; Intra- and Interpersonal Coordination of Goal-oriented Movements in a Working Scenario; 1st International Conference on Cognitive Neurodynamics (ICCN'07); Shanghai, China, November 17-21, 2007; 2007


Borst, A.; Visual motion models; Encyclopedia of Neuroscience; Squire, L. R.; Oxford Academic press; 2008

Wertz, A.; Borst, A.; Haag, J.; Nonlinear integration of binocular optic flow by DNOVS2, a descending neuron of the fly; J Neurosci; 2008; 28; 3131-3140


Safran, M.; Flanagan, V.; Borst, A.; Sompolinsky, H.; Adaptation and information transmission in fly motion detection; J Neurophysiol; 2007; 98; 3309-3320

Haag, J.; Borst, A.; Reciprocal inhibitory connections within a neural network for rotational optic-flow processing; Frontiers in Neurosci; 2007; 1; 111-121

Borst, A.; Haag, J.; Optic flow processing in the cockpit of the fly; Invertebrate Neurobiology; North, G.; Greenspan, R. J.; CSHL-Press; 2007

Cuntz, H.; Haag, J.; Foerstner, F.; Segev, I.; Borst, A.; Robust coding of flow-field parameters by axo-axonal gap junctions between fly visual interneurons; PNAS; 2007; 104; 10229-10233

Haag, J.; Wertz, A.; Borst, A.; Integration of lobula plate output signals by DNOVS1, an identified premotor descending neuron; J Neurosci; 2007; 27; 1992-2000

Borst, A.; Correlation versus gradient type motion detectors - The pros and cons; Phil. Trans. Roy. Soc. B; 2007; 362; 369-374

Huber, Markus; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan; Human-Robot Interaction in Handing-Over Tasks; Proceedings of the 17th IEEE International Symposium on Robot and Human Interactive Communication; IEEE; 2008

Huber, Markus; Lenz, Claus; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan; Human Preferences in Industrial Human-Robot Interactions; Proceedings of the International Workshop on Cognition for Technical Systems; 2008

Huber, Markus; Radrich, Helmuth; Wendt, Cornelia; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan; Evaluation of a Novel Biologically Inspired Trajectory Generator in Human-Robot Interaction; Proceedings of the 18th IEEE International Symposium on Robot and Human Interactive Communication; IEEE; 2009

CoTeSys / Cognition for Technical Systems > Cognitive Factory

Ding, H.; Kain, S.; Schiller, F.; Stursberg, O.; A Controller Architecture for Safe Cognitive Systems; 299-308; 10. Fachtagung Entwurf komplexer Automatisierungssysteme; Magdeburg, Germany, April 16-17, 2008; 2008

Kain, S.; Ding, H.; Schiller, F.; Stursberg, O.; Application of Intelligent Safety Controllers in Cognitive Technical Systems; Polish Journal of Environmental Studies; 2008; Jan

Kain, S.; Ding, H.; Schiller, F.; Stursberg, O.; Controller Architecture for Safe Cognitive Technical Systems; 518-531; Computer Safety, Reliability, and Security; 26th International Conference on Computer
[101/260]: Müller, Thomas; Lenz, Claus; Barner, Simon; Knoll, Alois; Accelerating Integral Histograms Using an Adaptive Approach; Proceedings of the 3rd International Conference on Image and Signal Processing; Springer; 2008

[102/260]: Panin, Giorgio; Lenz, Claus; Nair, Suraj; Roth, Erwin; Wojtczyk, Martin; Friedhuber, Thomas; Knoll, Alois; A Unifying Software Architecture for Model-based Visual Tracking; IS&T/SPIE 20th Annual Symposium of Electronic Imaging; 2008

[103/260]: Rickert, Markus; Kassecker, Michael; Knoll, Alois; Aufgabenbeschreibung mit verhaltensbasierter Robotertonsteuerung und natürlicher Kommunikation; 2009

[104/260]: Lenz, Claus; Rickert, Markus; Panin, Giorgio; Knoll, Alois; Constraint Task-based Control in Industrial Settings; Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems; IEEE; 2009


[106/260]: Stork, Ingo; Bautze, Thibault; Diepold, Klaus; Scheuerle, Jürgen; Project #314: Learning of Manifolds for Active Management of Sensors; CoTeSys Fall Workshop 2010; 2010

[107/260]: Stork, Ingo; Bautze, Thibault; Diepold, Klaus; Maschinelles Lernen für die Lasermaterialbearbeitung; CoTeSys Industrieworkshop 2011; 2011


CoTeSys / Cognition for Technical Systems > Cognitive Household


[110/260]: Schubö, Anna; Maldonado, Alexis; Stork, Sonja; Beetz, Michael; Grasping an Object with Various Intentions; Proceedings of the 17th IEEE International Symposium on Robot & Human Interactive Communication (RO-MAN); Munich, Germany, August 1-3, 2008; 2008

[111/260]: Schmidhuber, J.; Celebrating 75 years of AI - History and Outlook: the next 25 years; 50 Years of Artificial Intelligence; Lungarella, M.; Iida, F.; Bongard, J.; Pfeifer, R.; Springer; 2007

[112/260]: Schmidhuber, J.; New Millennium AI and the convergence of history; Challenges to Computational Intelligence; Duch, W.; Mandziuk, J.; Springer; 2007

[113/260]: Schmidhuber, J.; Gödel machines: Fully Self-Referential Optimal Universal Self-Improvers; Artificial General Intelligence; Goertzel, B.; Pennachin, C.; Springer; 2006

[114/260]: Schmidhuber, J.; The New AI: General and Sound and Relevant for Physics; Artificial General Intelligence; Goertzel, B.; Pennachin, C.; Springer; 2006


[116/260]: Graves, A.; Liwicki, M.; Fernandez, S.; Bertolami, R.; Bunke, H.; Schmidhuber, J.; A Novel Connectionist System for Improved Unconstrained Handwriting Recognition; Transactions on Pattern Analysis and Machine Intelligence; 2008


[119/260]: Chernov, A.; Hutter, M.; Schmidhuber, J.; Algorithmic Complexity Bounds on Future Prediction Errors; Information and Computation; 2007; 205; 2; 242-261

[120/260]: Schmidhuber, J.; Wierstra, D.; Gagliolo, M.; Gomez, F.; Training Recurrent Networks by Evolino; Neural Computation; 2007; 19; 3; 757-779
[121/260]: Schmidhuber, J.; Prototype resilient, self-modeling robots (short correspondence); Science; 2007; 316; 5825; 688

[122/260]: Schmidhuber, J.; Developmental Robotics, Optimal Artificial Curiosity, Creativity, Music, and the Fine Arts; Connection Science; 2006; 18; 2; 173-187


[124/260]: Sehnke, F.; Osendorfer, C.; Rückstiess, T.; Graves, A.; Peters, J.; Schmidhuber, J.; Policy Gradients with Parameter-based Exploration for Control; Intl. Conf. on Artificial Neural Networks (ICANN 2008); Prague, Czech Republic, 2008; 2008

[125/260]: Wierstra, D.; Schaul, T.; Peters, J.; Schmidhuber, J.; Episodic Reinforcement Learning by Logistic Reward-Weighted Regression; Intl. Conf. on Artificial Neural Networks (ICANN 2008); Prague, Czech Republic, 2008; 2008


[128/260]: Schmidhuber, J.; Simple Algorithmic Principles of Discovery, Subjective Beauty, Selective Attention, Curiosity and Creativity; Proc. of 10th Intl. Conf. on Discovery Science (DS 2007); Sendai, Japan, 2007; Springer; 2007

[129/260]: Schmidhuber, J.; Simple Algorithmic Principles of Discovery, Subjective Beauty, Selective Attention, Curiosity and Creativity; Proc. of 18th Intl. Conf. on Algorithmic Learning Theory (ALT 2007); Sendai, Japan, 2007; Springer; 2007

[130/260]: Wierstra, D.; Schmidhuber, J.; Policy Gradient Critics; Proc. of 18th European Conference on Machine Learning (ECML 2007); Warszaw, Poland, 2007; 2007


[133/260]: Graves, A.; Fernandez, S.; Schmidhuber, J.; Multi-Dimensional Recurrent Neural Networks; Intl. Conf. on Artificial Neural Networks (ICANN 2007); Porto, Portugal, 2007; 2007

[134/260]: Wierstra, D.; Förster, A.; Schmidhuber, J.; Solving Deep Memory POMDPs with Recurrent Policy Gradients; Intl. Conf. on Artificial Neural Networks (ICANN 2007); Porto, Portugal, 2007; 2007


[137/260]: Gomez, F.; Schmidhuber, J.; Miikkulainen, R.; Efficient Non-Linear Control through Neuroevolution; Proceedings of the European Conference on Machine Learning (ECML 2006); Berlin, Germany, 2006; 2006


[141/260]: Zhumatiy, V.; Gomez, F.; Hutter, M.; Schmidhuber, J.; Metric State Space Reinforcement Learning for a Vision-Capable Mobile Robot; Proc. of 9th Conf. on Intelligent Autonomous Systems (IAS 9); Amsterdam, Netherlands, 2006; IOS Press; 2006

[142/260]: Schmidhuber, J.; Gagliolo, M.; Wierstra, D.; Gomez, F.; Evolino for Recurrent Support Vector Machines; Proc. of European Symposium on Artificial Neural Networks (ESANN 2006); Bruges, Belgium, 2006; 2006


[144/260]: Lenz, Claus; Panin, Giorgio; Röder, Thorsten; Wojtczyk, Martin; Knoll, Alois; Hardware-assisted multiple object tracking for human-robot-interaction; HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human robot interaction; ACM; 2009

[145/260]: Panin, Giorgio; Lenz, Claus; Nair, Suraj; Roth, Erwin; Wojtczyk, Martin; Friedlhuber, Thomas; Knoll, Alois; A Unifying Software Architecture for Model-based Visual Tracking; IS&T/SPIE 20th Annual Symposium of Electronic Imaging; 2008

[146/260]: Panin, Giorgio; Roth, Erwin; Röder, Thorsten; Nair, Suraj; Lenz, Claus; Wojtczyk, Martin; Friedlhuber, Thomas; Knoll, Alois; ITrackU: An Integrated Framework for Image-based Tracking and Understanding; Proceedings of the International Workshop on Cognition for Technical Systems; 2008

CoTeSys / Cognition for Technical Systems > Multi Joint Action

[147/260]: Schmidhuber, J.; Celebrating 75 years of AI - History and Outlook: the next 25 years; 50 Years of Artificial Intelligence; Lungarella, M.; lida, F.; Bongard, J.; Pfeifer, R.; Springer; 2007

[148/260]: Schmidhuber, J.; New Millennium AI and the convergence of history: Challenges to Computational Intelligence; Duch, W.; Mandziuk, J.; Springer; 2007

[149/260]: Schmidhuber, J.; Gödel machines: Fully Self-Referential Optimal Universal Self-Improvers; Artificial General Intelligence; Goertzel, B.; Pennachin, C.; Springer; 2006

[150/260]: Schmidhuber, J.; The New AI: General and Sound and Relevant for Physics; Artificial General Intelligence; Goertzel, B.; Pennachin, C.; Springer; 2006


[152/260]: Graves, A.; Liwicki, M.; Fernandez, S.; Bertolami, R.; Bunke, H.; Schmidhuber, J.; A Novel Connectionist System for Improved Unconstrained Handwriting Recognition; Transactions on Pattern Analysis and Machine Intelligence; 2008


[155/260]: Chernov, A.; Hutter, M.; Schmidhuber, J.; Algorithmic Complexity Bounds on Future Prediction Errors; Information and Computation; 2007; 205; 2; 242-261

[156/260]: Schmidhuber, J.; Wierstra, D.; Gagliolo, M.; Gomez, F.; Training Recurrent Networks by Evolino; Neural Computation; 2007; 19; 3; 757-779

[157/260]: Schmidhuber, J.; Prototype resilient, self-modeling robots (short correspondence); Science; 2007; 316; 5825; 688

[158/260]: Schmidhuber, J.; Developmental Robotics, Optimal Artificial Curiosity, Creativity, Music, and the Fine Arts; Connection Science; 2006; 18; 2; 173-187


[160/260]: Sehnke, F.; Osendorfer, C.; Rückstiess, T.; Graves, A.; Peters, J.; Schmidhuber, J.; Policy Gradients with Parameter-based Exploration for Control; Intl. Conf. on Artificial Neural Networks (ICANN 2008); Prague, Czech Republic, 2008; 2008
[161/260]: Wierstra, D.; Schaul, T.; Peters, J.; Schmidhuber, J.; Episodic Reinforcement Learning by Logistic Reward-Weighted Regression; Intl. Conf. on Artificial Neural Networks (ICANN 2008); Prague, Czech Republic, 2008; 2008
[164/260]: Schmidhuber, J.; Simple Algorithmic Principles of Discovery, Subjective Beauty, Selective Attention, Curiosity and Creativity; Proc. of 10th Intl. Conf. on Discovery Science (DS 2007); Sendai, Japan, 2007; Springer; 2007
[165/260]: Schmidhuber, J.; Simple Algorithmic Principles of Discovery, Subjective Beauty, Selective Attention, Curiosity and Creativity; Proc. of 18th Intl. Conf. on Algorithmic Learning Theory (ALT 2007); Sendai, Japan, 2007; Springer; 2007
[166/260]: Wierstra, D.; Schmidhuber, J.; Policy Gradient Critics; Proc. of 18th European Conference on Machine Learning (ECML 2007); Warszaw, Poland, 2007; 2007
[168/260]: Fernandez, S.; Graves, A.; Schmidhuber, J.; An application of recurrent neural networks to discriminative keyword spotting; Intl. Conf. on Artificial Neural Networks (ICANN 2007); Porto, Portugal, 2007; 2007
[169/260]: Graves, A.; Fernandez, S.; Schmidhuber, J.; Multi-Dimensional Recurrent Neural Networks; Intl. Conf. on Artificial Neural Networks (ICANN 2007); Porto, Portugal, 2007; 2007
[170/260]: Wierstra, D.; Förster, A.; Schmidhuber, J.; Solving Deep Memory POMDPs with Recurrent Policy Gradients; Intl. Conf. on Artificial Neural Networks (ICANN 2007); Porto, Portugal, 2007; 2007
[173/260]: Gomez, F.; Schmidhuber, J.; Miikkulainen, R.; Efficient Non-Linear Control through Neuroevolution; Proceedings of the European Conference on Machine Learning (ECML 2006); Berlin, Germany, 2006; 2006
[177/260]: Zhumatiy, V.; Gomez, F.; Hutter, M.; Schmidhuber, J.; Metric State Space Reinforcement Learning for a Vision-Capable Mobile Robot; Proc. of 9th Conf. on Intelligent Autonomous Systems (IAS 9); Amsterdam, Netherlands, 2006; IOS Press; 2006
[178/260]: Schmidhuber, J.; Gagliolo, M.; Wierstra, D.; Gomez, F.; Evolino for Recurrent Support Vector Machines; Proc. of European Symposium on Artificial Neural Networks (ESANN 2006); Bruges, Belgium, 2006; 2006
[179/260]: Bauermann, I.; Steinbach, E.; RDTc optimized compression of image-based scene representations (Part I): Modeling and theoretical analysis; IEEE Trans. on Image Processing; 2008; 17; 5; May; 709 - 723
[180/260]: Bauermann, I.; Steinbach, E.; RDTc optimized compression of image-based scene representations (Part II): Practical coding; IEEE Trans. on Image Processing; 2008; 17; 5; May; 724 - 736
[181/260]: Bauermann, I.; Maier, W.; Steinbach, E.; Progressive Rendering from RDTC Optimized Streams; Proc. IEEE International Conference on Multimedia & Expo (ICME 2008); 2008


[186/260]: Lenz, Claus; Panin, Giorgio; Röder, Thorsten; Wojtczyk, Martin; Knoll, Alois; Hardware-assisted multiple object tracking for human-robot-interaction; HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human robot interaction; ACM; 2009

[187/260]: Panin, Giorgio; Roth, Erwin; Röder, Thorsten; Nair, Suraj; Lenz, Claus; Wojtczyk, Martin; Friedhuber, Thomas; Knoll, Alois; ITrackU: An Integrated Framework for Image-based Tracking and Understanding; Proceedings of the International Workshop on Cognition for Technical Systems; 2008

[188/260]: Rickert, Markus; Kassecker, Michael; Knoll, Alois; Aufgabenbeschreibung mit verhaltensbasierter Robotersteuerung und natürlicher Kommunikation; 2009

[189/260]: Graves, Alex; Mayer, Christoph; Wimmer, Matthias; Schmidhuber, Jürgen; Radig, Bernd; Facial Expression Recognition with Recurrent Neural Networks; Proceedings of the International Workshop on Cognition for Technical Systems; 2008

[190/260]: MuJoa & ItrackU; 2009

CoTeSys / Cognition for Technical Systems > Human Interaction


[194/260]: Schubö, Anna; Vesper, Cordula; Wiesbeck, Mathey; Stork, Sonja; Movement Coordination in Applied Human-Human and Human-Robot Interaction; HCI and Usability for Medicine and Health Care. Proceedings of the 3rd Symposium of the Workgroup Human-Computer Interaction and Usability Engineering of the Austrian Computer Society; Graz, Austria, November 22, 2007; 2007

[195/260]: Schubö, Anna; Maldonado, Alexis; Stork, Sonja; Beetz, Michael; Grasping an Object with Various Intentions; Proceedings of the 17th IEEE International Symposium on Robot & Human Interactive Communication (RO-MAN); Munich, Germany, August 1-3, 2008; 2008

[196/260]: Vesper, Cordula; Stork, Sonja; Schubö, Anna; Movement Times in Inter- and Intrapersonal Human Coordination; Proceedings of the ECSIS Symposium on Learning and Adaptive Behavior in Robotic Systems; Edinburgh, Scotland, August 6-8, 2008; 2008

[197/260]: Vesper, Cordula; Stork, Sonja; Wiesbeck, Mathey; Schubö, Anna; Intra- and Interpersonal Coordination of Goal-oriented Movements in a Working Scenario; 1st International Conference on Cognitive Neurodynamics (ICCN'07); Shanghai, China, November 17-21, 2007; 2007

[198/260]: Huber, Markus; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan; Human-Robot Interaction in Handing-Over Tasks; Proceedings of the 17th IEEE International Symposium on Robot and Human Interactive Communication; IEEE; 2008

[199/260]: Giuliani, Manuel; Kassecker, Michael; Schwärlzer, Stefan; Bannat, Alexander; Gast, Jürgen; Wallhoff, Frank; Mayer, Christoph; Wimmer, Matthias; Wendt, Cornelia; Schmidt, Sabrina; MuDiS - A Multimodal Dialogue

[200/260]: Huber, Markus; Lenz, Claus; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan; Human Preferences in Industrial Human-Robot Interactions; Proceedings of the International Workshop on Cognition for Technical Systems; 2008

[201/260]: Huber, Markus; Radrich, Helmuth; Wendt, Cornelia; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan; Evaluation of a Novel Biologically Inspired Trajectory Generator in Human-Robot Interaction; Proceedings of the 18th IEEE International Symposium on Robot and Human Interactive Communication; IEEE; 2009

[202/260]: Lenz, Claus; Nair, Suraj; Rickert, Markus; Knoll, Alois; Rösel, Wolfgang; Gast, Jürgen; Wallhoff, Frank; Joint-Action for Humans and Industrial Robots for Assembly Tasks; Proceedings of the 17th IEEE International Symposium on Robot and Human Interactive Communication; IEEE; 2008

[203/260]: Rickert, Markus; Kassecker, Michael; Knoll, Alois; Aufgabenbeschreibung mit verhaltensbasierten Robotersteuerung und natürlicher Kommunikation; 2009

[204/260]: Wojtczyk, Martin; Panin, Giorgio; Lenz, Claus; Röder, Thorsten; Nair, Suraj; Roth, Erwin; Heidemann, Rüdiger; Joeris, Klaus; Zhang, Chun; Burnett, Mark; Monica, Tom; Knoll, Alois; A Vision based Human Robot Interface for Robotic Walkthroughs in a Biotech Laboratory.; HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human Robot Interaction; ACM; 2009

CoTeSys / Cognition for Technical Systems > Control, Planning & Joint Action


[206/260]: Kain, S.; Ding, H.; Schiller, F.; Stursberg, O.; Application of Intelligent Safety Controllers in Cognitive Technical Systems; Polish Journal of Environmental Studies; 2008; Jan


[209/260]: Althoff, M.; Stursberg, O.; Buss, M.; Online-Analyse von Fahrstrategien kognitiver autonemer Fahrzeuge; Automatisierungs-, Assistenzsysteme und eingebettete Systeme für Transportmittel; Braunschweig, Germany, February 13-14, 2008; 2008

[210/260]: Althoff, M.; Stursberg, O.; Buss, M.; Stochastic Reachable Sets of Interacting Traffic Participants; Proceedings of the IEEE Intelligent Vehicles Symposium; Eindhoven, Netherlands, June 4-6, 2008; 2008

[211/260]: Rungger, M.; Stursberg, O.; Spanfelner, B.; Leuxner, C.; Sitou, W.; Efficient Planning of Autonomous Robots using Hierarchical Composition; 5th International Conference on Informatics in Control, Automation, Robotics; Milan, Italy, July 2-5, 2008; 2008


[218/260]: Schubö, Anna; Vesper, Cordula; Wiesbeck, Mathey; Stork, Sonja; Movement Coordination in Applied Human-Human and Human-Robot Interaction; HCI and Usability for Medicine and Health Care. Proceedings of the 3rd Symposium of the Workgroup Human-Computer Interaction and Usability Engineering of the Austrian Computer Society; Graz, Austria, November 22, 2007; 2007

[219/260]: Schankin, Andrea; Schubö, Anna; The Time Course of Attentional Guidance in Contextual Cueing; Proceedings of the 5th International Workshop on Attention in Cognitive Systems (WAPCV); Santorini, Greece, May 12, 2008; 2008

[220/260]: Schankin, Andrea; Stursberg, Olaf; Schubö, Anna; The Role of Implicit Context Information in Guiding Visual-Spatial Attention; Proceedings of the 4th International Cognitive Vision Workshop (ICVW); Santorini, Greece, May 12-13, 2008; 2008

[221/260]: Schubö, Anna; Maldonado, Alexis; Stork, Sonja; Beetz, Michael; Grasping an Object with Various Intentions; Proceedings of the 17th IEEE International Symposium on Robot & Human Interactive Communication (RO-Man); Munich, Germany, August 1-3, 2008; 2008

[222/260]: Vesper, Cordula; Stork, Sonja; Schubö, Anna; Movement Times in Inter- and Intrapersonal Human Coordination; Proceedings of the ECSI Symposium on Learning and Adaptive Behavior in Robotic Systems; Edinburgh, Scotland, August 6-8, 2008; 2008

[223/260]: Panin, Giorgio; Lenz, Claus; Nair, Suraj; Roth, Erwin; Wojtczyk, Martin; Friedhuber, Thomas; Knoll, Alois; A Unifying Software Architecture for Model-based Visual Tracking; IS&T/SPIE 20th Annual Symposium of Electronic Imaging; 2008

[224/260]: Rickert, Markus; Kassecker, Michael; Knoll, Alois; Aufgabenbeschreibung mit verhaltensbasierter Robotерsteuerung und natürlicher Kommunikation; 2009

[225/260]: Rodríguez, Laura Vázquez; Felder, Martin; Knoll, Alois; A cognitive architecture framework for CoTeSys; Proc. of the 1st Intl. Workshop on Cognition for Technical Systems, Garching b.M., Germany; 2008

[226/260]: MuJoA & ItrackU; 2009

[227/260]: T. Bautze, T. Kaiser, S. Huber; Focal Shift Monitoring and Cognitive Closed-Loop Control by Analysis of Co-Axial Video Data; Laser Institute of America ICALEO Congress Proceedings; 2009


[229/260]: G. Schroth, I. Stork ganannt Wersborg, K. Diepold; A cognitive system for autonomous robotic welding; IEEE/RSJ Intelligent Robots and Systems; 2009

[230/260]: I. Stork ganannt Wersborg, K. Schorp, T. Bautze, K. Diepold; Multiple sensors and artificial neural networks in a cognitive technical system for laser welding; IEEE Intelligent Sensors, Sensor Networks and Information Processing; 2009

[231/260]: I. Stork ganannt Wersborg, F. Borgwardt, K. Diepold; Real-time cognitive technical systems, a learning material processing system, social and future aspects; IEEE Advanced Robotics and its Social Impacts; 2009

[232/260]: I. Stork ganannt Wersborg, T. Bautze, F. Born, K. Diepold; A cognitive approach for a robotic welding system learning how to weld from acoustic data; IEEE International Symposium on Computational Intelligence in Robotics and Automation; 2009

[233/260]: T. Bautze, K. Diepold; Review of fundamental aspects of focal shift effects and countermeasures; Laser Institute of America PICALO Congress Proceedings; 2010

CoTeSys / Cognition for Technical Systems > Knowledge & Learning


- page 13 -
[236/260]: Rückstieß, Thomas; Felder, Martin; Sehnke, Frank; Schmidhuber, Jürgen; Robot Learning with State-Dependent Exploration; 1st International Workshop on Cognition for Technical Systems; 2008

CoTeSys / Cognition for Technical Systems > Perception


[245/260]: Huber, Markus; Lenz, Claus; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan, Human Preferences in Industrial Human-Robot Interactions, Proceedings of the International Workshop on Cognition for Technical Systems, 2008

[246/260]: Huber, Markus; Radrich, Helmuth; Wendt, Cornelia; Rickert, Markus; Knoll, Alois; Brandt, Thomas; Glasauer, Stefan, Evaluation of a Novel Biologically Inspired Trajectory Generator in Human-Robot Interaction, Proceedings of the 18th IEEE International Symposium on Robot and Human Interactive Communication, IEEE, 2009

[247/260]: Lenz, Claus; Panin, Giorgio; Röder, Thorsten; Wojtczyk, Martin; Knoll, Alois, Hardware-assisted multiple object tracking for human-robot-interaction, HRI '09: Proceedings of the 4th ACM/IEEE international conference on Human robot interaction, ACM, 2009


[249/260]: Panin, Giorgio; Lenz, Claus; Nair, Suraj; Roth, Erwin; Wojtczyk, Martin; Friedhuber, Thomas; Knoll, Alois, A Unifying Software Architecture for Model-based Visual Tracking, IS&T/SPIE 20th Annual Symposium of Electronic Imaging, 2008

[250/260]: Panin, Giorgio; Roth, Erwin; Röder, Thorsten; Nair, Suraj; Lenz, Claus; Wojtczyk, Martin; Friedhuber, Thomas; Knoll, Alois, iTrackU: An Integrated Framework for Image-based Tracking and Understanding, Proceedings of the International Workshop on Cognition for Technical Systems, 2008


[256/260]: Wojtczyk, Martin; Abhyankar, Kushal; Nair, Suraj; Knoll, Alois, A Computer Vision based Approach for Cell Tracking to increase Throughput in Visual Drug Discovery., Natural Product Discovery and Production II, 2008


[259/260]: Stork, Ingo; Bautze, Thibault; Diepold, Klaus; Scheuerle, Jürgen, Project #314: Learning of Manifolds for Active Management of Sensors, CoTeSys Fall Workshop 2010, 2010

[260/260]: Stork, Ingo; Bautze, Thibault; Diepold, Klaus, Maschinelles Lernen für die Lasermaterialbearbeitung, CoTeSys Industrieworkshop 2011, 2011