Fakultät für Informatik

Name:
2016

Occurences:
· Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik > Informatik 6 - Lehrstuhl für Echtzeitsysteme und Robotik (Prof. Knoll)
Entries:

[1/81]: Booklet | Brain-inspired intelligent robotics: The intersection of robotics and neuroscience sciences, Science, 2016, 354, 6318, 1445.2-1445


[5/81]: Feussner, Hubertus; Koller, Sebastian; Jensen, Brian; Farzaneh, Morteza Hashemi, Kombinierte viszeralmedizinische und transvaskuläre Eingriffe, 2016


[15/81]: Althoff, M.; Magdici, S., Set-Based Prediction of Traffic Participants on Arbitrary Road Networks, IEEE Transactions on Intelligent Vehicles, 2016, 1, 2, 187-202

[16/81]: Amunts, Katrin; Ebell, Christoph; Muller, Jeff; Telefont, Martin; Knoll, Alois; Lippert, Thomas, The Human Brain Project: Creating a European Research Infrastructure to Decode the Human Brain, Neuron, 2016, 92, 3, 574-581


[18/81]: Bagüés, Susana Alcalde; Feiten, Wendelin; Tiedemann, Tim; Backe, Christian; Gulati, Dhiraj; Lorenz, Steffen; Conradi, Peter, Towards Dynamic and Flexible Sensor Fusion for Automotive Applications, 77--89, Advanced Microsystems for Automotive Applications 2016: Smart Systems for the Automobile of the Future, Schulze, Tim; Müller, Beate; Meyer, Gereon, Springer International Publishing, 2016

[19/81]: Bi, Ran; Xiao, Jiajian; Viswanathan, Vaisagh; Knoll, Alois, Influence of Charging Behaviour Given Charging Station Placement at Existing Petrol Stations and Residential Car Park Locations in Singapore, Procedia Computer Science, 2016, 80, 335-344

[20/81]: Bi, Ran; Xiao, Jiajian; Viswanathan, Vaisagh; Knoll, Alois, Influence of Charging Behaviour Given Charging Station Placement at Existing Petrol Stations and Residential Car Park Locations in Singapore, Procedia Computer Science, 2016, 80, 335-344


[24/81]: Brandenbourger, Benjamin and Vathoopan, Milan and Zoitl, Alois, Engineering of Automation Systems using a Metamodel implemented in AutomationML, Industrial Informatics (INDIN), 2016 IEEE 14th International Conference on, 2016


[26/81]: Buechel, Martin; Knoll, Alois, A Parameter Estimator for a Model Based Adaptive Control Scheme for Longitudinal Control of Automated Vehicles, IFAC-PapersOnLine, 2016, 49, 15, 181-186

[27/81]: Cai, Caixia; Somani, Nikhil; Knoll, Alois, Orthogonal Image Features for Visual Servoing of a 6-DOF Manipulator with Uncalibrated Stereo Cameras, IEEE transactions on Robotics, 2016, April

[28/81]: Chen, Chao; Rickert, Markus; Knoll, Alois, Combining Task and Motion Planning for Intersection Assistance Systems, Proceedings of the IEEE Intelligent Vehicles Symposium (IV), 2016

[29/81]: Chen, Gang; Huang, Kai; Cheng, Long; Hu, Biao; Knoll, Alois, Dynamic Partitioned Cache Memory for Real-Time MPSoCs with Mixed Criticality, Journal of Circuits, Systems and Computers, 2016, 25, 06, 1650062


[34/81]: Farzaneh, Morteza Hashemi; Shafaei, Sina; Knoll, Alois, Formally verifiable modeling of in-vehicle time-sensitive networks (TSN) based on logic programming, 2016 IEEE Vehicular Networking Conference (VNC), IEEE, 2016

[35/81]: Feihu Zhang and Alois Knoll, Vehicle detection based on probability hypothesis density filter, Sensors, 2016

[36/81]: Feiten, Wendelin; Bagüés, Susana Alcalde; Fiegert, Michael; Zhang, Feihu; Gulati, Dhiraj; Tiedemann, Tim, A new concept for a cooperative fusion platform, 2016 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems (MFI), 2016


[38/81]: Goel, Lavika; Khandelwal, Rashi; Retamino, Eloy; Nair, Suraj; Knoll, Alois, Application of a Hybrid Relation Extraction Framework for Intelligent Natural Language Processing, Advances in Intelligent Systems and Computing, Springer International Publishing, 2016

[39/81]: Gulati, Dhiraj; Zhang, Feihu; Clarke, Daniel; Knoll, Alois, Vehicle infrastructure cooperative localization using Factor Graphs, 2016 IEEE Intelligent Vehicles Symposium (IV), 2016


[41/81]: Haage, Mathias; Profanter, Stefan; Kessler, Ingmar; Perzylo, Alexander; Somani, Nikhil; Sörnmo, Olof; Karlsson, Martin; Robertz, Sven Gestegård; Nilsson, Klas; Resch, Ludovic; Marti, Michael, On cognitive robot woodworking in SMErobotics, International Symposium on Robotics (ISR), 2016


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[49/81]: Huang, Kai; Hu, Biao; Botsch, Jan; Madduri, Nikhil; Knoll, Alois, A Scalable Lane Detection Algorithm on COTS with OpenCL, In Design, Automation and Test in Europe, 2016


[52/81]: Ievgen Smieliik, Klaus Müller, and Klaus-Dieter Kuhnert, Fish motion simulation, 29th European Simulation and Modelling Conference, 2015


[55/81]: Ju, Wenbo; Valiollahi, Roudabeh; Ojani, Reza; Schneider, Oliver; Stimming, Ulrich, The Electrooxidation of Formic Acid on Pd Nanoparticles: an Investigation of Size-Dependent Performance, Electrocatalysis, 2016, 7, 2, 149-158

[56/81]: Litescu, Sorina Costache; Viswanathan, Vaisagh; Aydt, Heiko; Knoll, Alois, Information Dynamics in Transportation Systems with Traffic Lights Control, Procedia Computer Science, 2016, 80, 2019-2029


[60/81]: Morel, Yannick; Lebastard, Vincent; Boyer, Frederic, Neural-based underwater surface localization through electrolocation, 2016 IEEE International Conference on Robotics and Automation (ICRA), IEEE, 2016


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[65/81]: Rickert, Markus; Perzylo, Alexander, Industrieroboter für KMU: Flexible und intuitive Prozessbeschreibung, Industrie Management, 2016, 32, 2, Apr, 46–49


[68/81]: Schürmann, Bastian; El-Gindy, Ahmed; Althoff, Matthias, Closed-Form Expressions of Convex Combinations, Proc. of the American Control Conference, 2016

[69/81]: Seidl, Lukas; Martens, Slana; Ma, Jiwei; Stimming, Ulrich; Schneider, Oliver, In situ scanning tunneling microscopy studies of the SEI formation on graphite electrodes for Li+-ion batteries, Nanoscale, 2016, 8, 29, 14004-14014


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[72/81]: Sunderrajan, Abhinav; Viswanathan, Vaisagh; Cai, Wentong; Knoll, Alois, Traffic State Estimation Using Floating Car Data, Procedia Computer Science, 2016, 80, 2008-2018

[73/81]: Sunderrajan, Abhinav; Viswanathan, Vaisagh; Cai, Wentong; Knoll, Alois, Data driven Adaptive Traffic simulation of an expressway, 2016 Winter Simulation Conference (WSC), IEEE, 2016

[74/81]: Vandesompele, Alexander; Walter, Florian; Rohrbein, Florian, Neuro-evolution of spiking neural networks on SpiNNaker neuromorphic hardware, 2016 IEEE Symposium Series on Computational Intelligence (SSCI), IEEE, 2016


[76/81]: Viswanathan, Vaisagh; Zehe, Daniel; Ivanchev, Jordan; Pelzer, Dominik; Knoll, Alois; Aydt, Heiko, Simulation-assisted exploration of charging infrastructure requirements for electric vehicles in urban environments, Journal of Computational Science, 2016, 12, 1-10


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[81/81]: Zhang, Feihu; Malovetz, Daniel; Gulati, Dhiraj; Clarke, Daniel; Knoll, Alois, Joint bias estimation and localization in factor graph, 2016 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems (MFI), 2016