

Table of Contents

Agent-based Modeling in the Edge Continuum using Swarm Intelligence <i>Melanie Schranz, Kseniia Harshina, Peter Forgacs, and Fred Buining</i>	1
To Refurbish or not to Refurbish? Towards an AI-based Evaluation System for Power Tool Batteries <i>Dominique Briechle,, Marit Briechle-Mathiszig, Tobias Geger, Nelly Nyeck, and Robert Werner</i>	8
CollectByCycle: Towards an Automatized Condition Assessment for Bicycles <i>Tobias Geger, Dominique Briechle, Marit Briechle-Mathiszig, Nelly Nyeck, and Robert Werner</i>	13
A Method for the Runtime Monitoring of AI-based Environment Perception in Automated Driving Systems <i>Iqra Aslam, Abhishek Buragohain, Daniel Bamal, Adina Aniculaesei, Meng Zhang, and Andreas Rausch</i>	17
On the Regularization of a Low-Complexity Recursive Least-Squares Adaptive Algorithm <i>Cristian-Lucian Stanciu, Cristian Anghel, Camelia Elisei-Iliescu, Laura-Maria Dogariu, Ionut-Dorinel Ficiu, and Constantin Paleologu</i>	26