URAI 2024

Donnerstag, 14. November 2024

Main Conference: Welcome (09:00 - 09:15)

Main Conference: Keynote 1 (09:15 - 10:00)

time	[id] title	presenter
09:15	[26] Keynote 1: Generative AI for Human-Robot Dialogue – Problem Solved?	Dr. PAETZEL-PRÜSMANN, Maike

Main Conference: Research Session 1 (10:30 - 12:10)

time	[id] title	presenter
10:30	[9] AI-Guided Noise Reduction for Urban Geothermal Drilling	
10:50	[4] Artificial Intelligence for Quality Assurance and Troubleshooting in Industry	
11:10	[13] A Commissioning-Oriented Fault Detection Framework for Building Heating Systems Using SARIMAX Models	
11:30	[10] Prediction of PV Power Production with Neural ODEs on the base of Weather data	
11:50	[19] Can Machine Learning and Explainable Artificial Intelligence Help to Improve an Expert Model for Predicting Thermomechanical Fatigue?	

Main Conference: Reseach Session 2 (13:00 - 14:00)

time	[id] title	presenter
13:00	[20] AI Adaption within SMEs: Analysis of Impedances and Suggested Approaches	
13:20	[24] Enhancing Phishing Email Detection with Context-Augmented Open-Source Large Language Models	
13:40	[14] Content Creation with GenAI: Use Case on ClimaClic´s Instagram Marketing	

Main Conference: Poster Session (14:00 - 15:00)

time	[id] title	presenter
14:00	[11] Exploration of Neural Network Architectures for Inertia Parameter Identification of a Robotic Arm	
14:00	[17] Leveraging Generative AI for Enhancing Domain-Driven Software Design	Herr WIEGAND, Götz-Henrik
14:00	[22] The Potential of Generative AI for Systematic Engineering Innovation	
14:00	[7] Semi-supervised mold differentiation using typical laboratory results as label data	

14:00	[8] Data augmentation for pathogen segmentation in vinewood fluorescence microscopy images	
14:00	[15] AI Chatbots in Design Thinking	
14:00	[18] Supervised Transfer Learning Framework for Fault Diagnosis in Wind Turbines	
14:00	[23] Evaluating AI-Generated Solution Ideas: A Comparative Study of AI and Human Assessments for Sustainable Process Design	
14:00	[21] Specification and Identification of Relationships between Products in the Food Segment	
14:00	[1] Urban Sound Propagation: a Benchmark for 1-Step Generative Modeling of Complex Physical Systems	
14:00	[2] Retail-786k: a Large-Scale Dataset for Visual Entity Matching	
14:00	[3] Can Biases in ImageNet Models Explain Generalization?	

Main Conference: Keynote 2 (15:00 - 15:45)

time	[id] title	presenter
15:00	[25] Keynote 2: Regulating the Synthetic Society	Prof. VAN DER SLOOT, Bart