

Program »Anomaly Detection«

Monday, November 24th, 2025

at 42kaiserslautern, Eisenbahnstraße 42, 67655 Kaiserslautern

14:00	Arrival and Reception
14:30	Opening Dr. Ria Grindel, Fraunhofer ITWM and Dr. Nicolas Großmann, DFKI
14:40	Keynote: Introduction to Anomaly Detection Prof. Dr. Marius Kloft, RPTU Kaiserslautern-Landau
15:25	Coffee Break
15:40	Semi-Supervised Variational Auto-Encoder for Anomaly Detection: A Study of Data-Efficient Stochastic Optimization and Objective Alignment Renate Ernst, Fraunhofer ITWM
16:05	FINDER-LLM: FINancial Anomaly DETection and Recognition using Large Language Models Siang-Li Jheng, Bucharest University of Economic Studies
16:30	Coffee Break
16:40	Financial Forensics for Insider Trading Prof. Dr. Wolfgang Härdle, Humboldt-Universität Berlin
17:05	tba Hoang Huy Thai, RPTU Kaiserslautern-Landau
17:30	Anomaly Detection in Federated Learning Ahmed Anwar, DFKI
17:55	Dinner at 42kaiserslautern
19:00	Social event at the Kaiserslautern Christmas Market

Tuesday, November 25th, 2025

at DFKI, Trippstadter Str. 122, 67663 Kaiserslautern

9:00	Opening Dr. Ria Grindel, Fraunhofer ITWM and Dr. Nicolas Großmann, DFKI
9:10	AI Based Control of Industrial Rubber Extrusion Machine Tanzeela Anum, Continental Reifen
9:35	Unsupervised Anomaly Detections: Hints Using Dataset Similarity Dr. Enislay Ramentol and Dayananda Herurkar, Fraunhofer ITWM
10:00	Application of Network Analysis for Insurance Fraud Detection Dr. Andreas Schäfer and Jona Becher, R+V
10:25	Coffee Break
10:45	Graph Based Anomaly Detection Against Healthcare Fraud Dr. Euna Nyarige, Fraunhofer ITWM
11:10	Tab-Distillation: Impacts of Dataset Distillation on Tabular Data for Outlier Detection Dayananda Herurkar, DFKI
11:35	Detecting Behavioral and Well-being Anomalies in Large-Scale Student Health Survey Data Dr. Vasil Suela, Tirana University
12:00	Agentic AI for Anomaly Detection Dominik Loroach, Fraunhofer ITWM
12:25	Closing, Feedback, Next Steps Dr. Ria Grindel, Fraunhofer ITWM and Dr. Nicolas Großmann, DFKI