

# Program – Explainable and Interpretable Artificial Intelligence/Machine Learning

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**Thursday, November 16, 2023**

**Fraunhofer ITWM, Fraunhofer-Platz 1, Kaiserslautern, Lecture Hall**

13:00	Arrival and Reception
14:00	Opening
14:15	Session Opening: User Research meets Artificial Intelligence Lothar Blum
14:45	Coffee break
15:05	A Phyton Webapp to Explain AI Models in the Life Sciences Dr. Maximilian Pilz, Fraunhofer ITWM, Kaiserslautern
15:20	Visual Analytics for the Explaniability of DeepRL-based Charged Particle Tracking Raju Ningappa Mulawade, Hochschule Worms
15:35	Coffee break
15:55	AID – Efficient Data Processing for $\mu\text{g}$ -experiments Jan Auth, Hochschule Mittweida
16:10	ExAID – A unified Toolbox for Intelligible Dermatology Classification Adriano Lucieri, DFKI, Kaiserslautern
16:25	Coffee break
16:45	Session Closing: Towards a Unified Framework for Explainable AI Dr. Sebastián Palacio, DFKI, Kaiserslautern
17:15	Break and relocation to restaurant "Sommerhaus"
18:00	Social dinner

**Friday, November 17, 2023**

**DFKI, Trippstadter Str. 122, Kaiserslautern, Room 0.01 (Zuse)**

09:00	Opening
09:15	Session Opening: Explainable AI in Medicine: Challenges and Approaches Prof. Anne Schwerk, IU and Charité
09:45	Coffee break
10:05	Counterfactual Explanations for Anomaly Detection Renate Ernst, Fraunhofer ITWM, Kaiserslautern
10:20	Hacking XAI: How to manipulate decision trees as a surrogat model Alexander Wilhelm, RPTU, Kaiserslautern
10:35	Coffee break
10:55	Challenges in Explaining Image Classifiers with LIME Daniel Seifert, Fraunhofer IESE, Kaiserslautern
11:10	Explainable AI for Precision Agriculture: A Case Study on Crop Yield Predictions Hiba Najjar, DFKI, Kaiserslautern
11:25	Coffee break
11:45	Session Closing: Podium discussion
12:15	Coffee break
12:35	Closing, Feedback, Next Steps
12:50	End of workshop