



CSH Symposium

Leaving LLMs aside for a moment: Approaches for Pattern Recognition in the Life & Social Sciences

January 16, 2025, [Blauer Saal](#), 14:00h-18:00h, University of Hohenheim

Program Agenda

13:45-14:00	Get Together
<i>Chair: Prof. Dr. Jens Vogelgesang</i>	
14:00-14:50	<i>Knowledge Discovery in Heat Flux Diagnosis with Artificial Neural Networks</i> Dr. Matthias Karlbauer, Wilhelm Schickard Institute for Computer Science, U Tuebingen
14:50-15:00	Break
<i>Chair: Jun.-Prof. Dr. Christian Krupitzer</i>	
15:00-15:30	<i>Genetic Programming for Learning Spectral Vegetation Indices in the Context of Crop Pathogen Detection</i> Simon Mielke, M.Sc., Artificial Intelligence in Agricultural Engineering, U Hohenheim
15:30-16:00	<i>Detection of Nonstationarity in Plant Breeding Field Trials Using Tree Graphs</i> Karen Wolf, M.Sc., Biostatistics, U Hohenheim
<i>Chair: Jun.-Prof. Dr. Anthony Stein</i>	
16:15-16:45	<i>Predictive Detection of Negotiation Progress with Machine Learning</i> Prof. Dr. Mareike Schoop with Dr. Muhammed-Fatih Kaya, Intelligent Information Systems, U Hohenheim
16:45-17:15	<i>Transfer Entropy Estimation with Quantile Regression</i> Dr. Johannes Bleher, Computational Science Hub (CSH), U Hohenheim
17:15-17:45	<i>Sequence Analysis to Investigate Smartphone App Usage</i> Prof. Dr. Jens Vogelgesang, Media Use Research Group, U Hohenheim
17:45-18:00	Closing Remarks by the Organizers