

URAI-Symposium 2026

Programme: 4 November 2026

08:30	Arrival / Registration / Welcome Coffee			
08:45				
09:00	Welcome Address by Professor Dr. Crispino Bergamaschi, President FHNW, and Professor Dr. Doris Agotai, Director of the FHNW School of Computer Science			
09:15	Prof. Dr. Toni Steimle (FHNW): Are LLMs More Human Than We Would Like? How AI Systems Decide Whom to Believe - and What This Means for Human Oversight			
09:30				
09:45				
10:00	Prof. Dr. Maja Temerinac-Ott (HS Furtwangen): Human in the Loop: When Humans Become Part of the Algorithm			
10:15				
10:30				
10:45	Coffee Break			
	Ethics & Governance	LLMs	Applied AI Systems	
11:00	An Ethics of Thinking: Human-in-the-Loop Responsibility and Authorship in Academic Work with AI	Rethinking LLM-as-a-Judge: Biases and Limitations in Evaluating Chain-of-Thought Outputs	Hybrid Physics-Informed Neural Networks for Automated Kinetic Calibration in Bio Manufacturing	
11:15				
11:30	Human-in-the-Loop or Legitimacy-in-the-Loop? Effective Human Authority in AI Governance	LLM-powered Workflow to Support Qualitative Data Analysis: Lessons Learned from an Applied Research Project	From Promise to Practice: Benchmarking Vision Foundation Models for Semantic Segmentation	
11:45				
12:00	Poster Pitches			
12:15				
12:30	Lunch Break / Poster Sessions			
12:45				
13:00				
13:15				
	AI & Skills	Multimodal & Spatial AI	AI for Networks & Infrastructure	
13:30	A Lean and Spec-Driven AI-Assisted Software Development Lifecycle for Applied AI Education	Human-in-the-Loop Multimedia Curation through Multimodal Near-Duplicate Video Retrieval	Measuring Concept Completeness for Explainability in AI-Driven Network Functions	
13:45				
14:00	Integrating AI Competencies into Higher Education: A Framework for Curriculum Development	Reliability-Aware Multimodal Fusion for Robust Semantic Segmentation in Autonomous Driving	Human-AI interaction in safety-critical network infrastructures	
14:15				
14:30	Human AI Collaboration in Strategic Competency Analysis for Future-Oriented Recruitment	City-scale Motion Planning in Radiance Fields for Generating Virtual Walk-Throughs	XNDT: Towards Explainable Network Digital Twins using a High-Fidelity Hardware Testbed	
14:45				
15:00	Coffee Break / Poster Sessions			
15:15				
	AI for Sustainability		AI for Health	
15:30	Predicting Infiltration Rates in Soil Aquifer Treatment: A Comparative Study		Shape-Aware Deep Segmentation in Retinal Vessel Imaging from Sparse and Weak Labels	
15:45				
16:00	A Multi-Modal Pipeline for Automated Building Energy Performance Estimation at Urban Scale		Human Size Interactive Mirror for Functional Diagnosis and Visual Feedback in Physiotherapy	
16:15				
16:30	Outlook and Conclusion / Wrap-Up			
16:45				
17:00				