

## Table of Contents

<b>Invited Talk</b> .....	1
Ensemble Learning from Data Streams with Active and Semi-Supervised Approaches <i>Bartosz Krawczyk</i> .....	1
<b>Research Papers</b> .....	2
Challenges of Reliable, Realistic and Comparable Active Learning Evaluation <i>Daniel Kottke, Adrian Calma, Denis Huseljic, Georg Kreml, and Bernhard Sick</i> .....	2
Interactive Anonymization for Privacy aware Machine Learning <i>Bernd Malle, Peter Kieseberg, and Andreas Holzinger</i> .....	15
Transfer Learning for Time Series Anomaly Detection <i>Vincent Vercauyssen, Wannes Meert, and Jesse Davis</i> .....	27
Probabilistic Active Learning with Structure-Sensitive Kernels <i>Dominik Lang, Daniel Kottke, and Georg Kreml</i> .....	37
Simulation of Annotators for Active Learning: Uncertain Oracles <i>Adrian Calma and Bernhard Sick</i> .....	49
<b>Short Research Papers</b> .....	59
Users Behavioural Inference with Markovian Decision Process and Active Learning <i>Firas Jarboui, Vincent Rocchisani, and Wilfried Kirchenmann</i> .....	59
Multi-Arm Active Transfer Learning for Telugu Sentiment Analysis <i>Subba Reddy Oota, Vijaysaradhi Indurthi, Mounika Marreddy, Sandeep Sricharan Mukku, and Radhika Mamidi</i> .....	62
Probabilistic Expert Knowledge Elicitation of Feature Relevances in Sparse Linear Regression <i>Pedram Daei, Tomi Peltola Marta Soare, and Samuel Kaski</i> .....	64