Table of Contents

Invited Talks

When Humans and AI Collide 1
Kori Inkpen

The Rapid Growth of Human-in-the-Loop Machine Learning 2
Robert Munro

How to Measure Uncertainty in Uncertainty Sampling for Active Learning 3
Eyke Hüllermeier

From Explainable AI to Human-Centered AI 4
Andreas Holzinger

Full Research Papers

Improving Unsupervised Domain Adaptation with Representative Selection Techniques 5
I-Ting Chen and Hsuan-Tien Lin

On the Transferability of Deep Neural Networks for Recommender System 22
Duc Nguyen, Hao Niu, Kei Yonekawa, Mori Kurokawa, Chihiro Ono, Daichi Amagata, Takuya Maekawa and Takahiro Hara

Learning Active Learning at the Crossroads? Evaluation and Discussion . 38
Louis Desreumaux and Vincent Lemaire

The Effects of Reluctant and Fallible Users in Interactive Online Machine Learning 55
Agnes Tegen, Paul Davidsson and Jan A. Persson

Short Papers

Active Learning for LSTM-autoencoder-based Anomaly Detection in Electrocardiogram Readings 72
Tomáš Šabata and Martin Holena

Towards Landscape Analysis in Adaptive Learning of Surrogate Models . . 78
Zbyněk Pitra and Martin Holena

CEUR-WS.org/Vol-2660/ialatecml_3_contents.pdf

VIAL-AD: Visual Interactive Labelling for Anomaly Detection - An approach and open research questions 84
Andreas Theissler, Anna-Lena Kraft, Max Rudeck and Fabian Erlenbusch

Get a Human-In-The-Loop: Feature Engineering via Interactive Visualizations 90
Dimitra Gkorou, Maialen Larranaga, Alexander Ypma, Faegheh Hasibi and Robert Jan van Wijk