

Tentative Schedule for
10th MiWoCI-IEEE 2018

**The 10th Mittweida Workshop on Computational Intelligence
- Innovative Efforts and Enhanced Experiences -
June, the 25th - 27th 2018**

Building: 1-025D

Monday, 25th June

09:00 09:10 opening

Session M1 Chair: M. Lange-Geisler

09:10 09:30 Machine Learning Using Dynamic Models for Partially Observed Time Series Analysis
K. Bunte (Bernoulli Institute, Univ. Groningen)

09:30 09:50 Feature Learning for Galaxy Characterization: Possible Directions & Open Questions
A. F. Nolte (Bernoulli Institute, Univ. Groningen)

09:50 10:15 coffee

Session M2 Chair: M. Biehl

10:15 10:35 Differential Privacy for GMLVQ
J. Brinkrolf (CITEC, Univ. Bielefeld)

10:35 10:55 Towards Fair LVQ - Introducing Fairness Criteria into the GLVQ Cost Function
A. Bunge (CITEC, Univ. Bielefeld)

10:55 11:15 Multilabeling in LVQ's
M. Kaden (CI Research Group, UAS Mittweida)

11:15 11:35 Tree Edit Distance Learning with Median GLVQ and Symbol Embeddings
B. Paassen (CITEC, Univ. Bielefeld)

11:35 13:00 lunch

13:00 13:20 group photo

Session M3 Chair: D. Nebel

13:20 13:40 Detection of Noisy Multi-Manifold Structures
M. Mohammadi (Bernoulli Institute, Univ. Groningen)

13:40 14:00 Dropout in GLVQ
T. Villmann (CI Research Group, UAS Mittweida)

14:00 14:20 A Comparison of Classifier Learning Strategies and Their Counterparts in Adaptive Filter Theory
A. Lampe (SICIM, UAS Mittweida)

14:20 14:30 coffee

14:30 15:00 further discussions, spontaneous talks / working in small groups

16:00 17:30 canoeing

18:00 21:00 barbecue at the raft

Tuesday, 26th June

09:30 12:00 climbing in the climbing park (outdoor)

Session T1 Chair: F.-M. Schleif

13:30 15:00 News from the Stoneage of Machine Learning: the Statistical Physics of Learning in a Nutshell
M. Biehl (Bernoulli Institute, Univ. Groningen)

15:00 15:20 coffee

Session T2 Chair: K. Bunte

15:40 16:00 Processing Gene Expression Data for Detection of mRNA Degradation Patterns by Cluster Analysis
Using a Bio-specific Similarity Measure
K. Bohnensack (CI-Research Group, UAS Mittweida)

16:00 16:20 Machine Learning in Biomedical Datasets
S. Ghosh (Bernoulli Institute, Univ. Groningen)

16:20 16:40 Using GANs for Dense Three Dimensional Reconstruction of Neuronal Tissue from Electron
Microscopy Stacks
T. Bullmann (Ishii lab, Kyoto University, Japan)

16:40 17:00 coffee

Session T3 Chair: S. Hellbach

17:00 17:20 Transfer Learning for Robust Control of Bionic Prostheses
A. Schulz (CITEC, Univ. Bielefeld)

17:20 17:40 Handling Concept Drift and Domain Differences in an Online-Learning Environment
C. Raab (UAS Schweinfurt/Wuerzburg)

18:00 18:30 demonstration in judo

19:30 22:00 Dolomiti

20:00 21:00 CIID general meeting

21:00 22:00 GNNS general meeting

Wednesday, 26th July

Session W1 Chair: T. Geweniger

09:00 9:45 Top Tier Conferences - What Makes the Difference Between Accept and Reject - Some Reviewer Insights

F.-M. Schleif (UAS Schweinfurt/Wuerzburg)

9:45 10:00 Project Ideas for UAS Zwickau

S. Hellbach (UAS Zwickau)

10:00 10:20 coffee

Session W2 Chair: A. Schulz

10:20 10:40 Visualizing Classifiers of Proximity Data

S. Schleaf (CITEC, Univ. Bielefeld)

10:40 11:00 Entropy-Based Evaluation Measures

T. Geweniger (CI Research Group, UAS Mittweida)

11:20 11:40 Objective Feature Selection using GMLVQ with Directly Incorporated L1-Regularization

F. Lischke (HTW Dresden)

11:40 11:45 closing

11:45 13:00 lunch

13:00 15:00 further discussions, spontaneous talks or working in small groups