

**Tentative Schedule for
MiWoCI 2017**

July, the 24th - 26th 2016

Building 6 - Room 6.02.36

Monday, 24th July

09:00 09:10 Opening

Session M1 Chair: David Nebel

09:10 09:30 Learning in the Space of Dynamical Models of Adrenal Steroidogenesis

Kerstin Bunte (Univ. Groningen, The Netherlands)

09:30 09:50 Computer Aided Diagnosis of Inborn Steroidogenic Disorders

Sreejita Ghosh (Univ. Groningen, The Netherlands)

9:50 10:10 flowLearn: Fast and Precise Identification and Quality Checking of Cell Populations in Flow Cytometry

Markus Lux (CITEC, Univ. Bielefeld)

10:10 10:30 Coffee

Session M2 Chair: Lydia Fischer

10:30 10:50 Feature Relevances

Christina Göpfert (CITEC, Univ. Bielefeld)

10:50 11:10 Using RSLVQ for Prior Distribution

Mohammad Mohammadi (Univ. Groningen, The Netherlands)

11:10 11:30 RSLVQ and Dependent Prototypes

Mehrdad Mohannazadeh Bakhtiari (CI-Group, UAS Mittweida)

11:30 12:50 Lunch

12:50 13:00 Group photo

Session M3 Chair: Thomas Villmann

13:00 14:00 Automating Scientific Work in Optimization

Thomas Weise (Institute of Applied Optimization, Hefei University, China)

14:00 14:20 Task-Driven Sparse Coding for Classification of Motion Data

Babak Hosseini (CITEC, Univ. Bielefeld)

14:20 15:00 Coffee

15:00 16:00 Further discussions, spontaneous talks / working in small groups

16:00 17:30 Canoing

18:00 22:00 Barbecue at the float

Tuesday, 25th July

Session T1 Chair: Tina Geweniger

09:00 09:20 Something about Deep Learning

Sven Hellbach (UAS Dresden)

09:20 09:40 Deep Learning and LVQ

Thomas (UAS Dresden)

09:40 10:00 Differential Privacy for GLVQ

Johannes Brinkrolf (CITEC, Univ. Bielefeld)

10:00 10:30 Coffee

Session T2 Chair: Kerstin Bunte

10:30 10:50 Transfer Learning with Applications in Myoelectric Prosthesis Control

Alexander Schulz (CITEC, Univ. Bielefeld)

10:50 11:10 Restricted Tangent Distances in Learning Vector Quantization

Sascha Saralajew (Porsche AG, Stuttgart & UAS Mittweida)

11:10 11:30 Relation between Hankel, Grassmanian, and Tangent Approach

Thomas Villmann (CI-Group, UAS Mittweida)

11:30 11:50 Causal inference to mitigate redundancy in feature selection

Lukas Pfannschmidt (CITEC, Univ. Bielefeld)

11:50 13:00 Lunch

Session T3 Chair: Frank-Michael Schleif

13:00 14:00 Lifelong (Machine) Learning of Drifting Concepts in Prototype-Based Classifiers

Michael Biehl (Univ. of Groningen, The Netherlands)

14:00 14:30 Coffee

14:30 16:00 Further discussions, spontaneous talks or working in small groups

17:00 19:00 Climbing

19:30 22:00 Dinner at Dolomiti

Wednesday, 26th July

Session W1 Chair: Michael Biehl

09:00 09:20 Common Sense Knowledge and its Representation
Lydia Fischer (Honda Research Institute, Offenbach)

09:20 09:40 Training a Neural Network on Synthetic Data
Jan Göpfert (CITEC, Univ. Bielefeld)

09:40 10:00 Median Possibilistic FCM
Tina Geweniger (CI-Group, UAS Mittweida)

10:00 10:30 Coffee

Session W2 Chair: Sven Hellbach

10:30 10:50 Two or three things we know about distances
Benjamin Paaßen (CITEC, Univ. Bielefeld)

10:50 11:35 Learning in Krein Spaces - Challenges and Perspectives
Frank Michael (Fak. Informatik und Wirtschaftsinformatik, Hochschule Würzburg-Schweinfurt)

11:35 11:45 Something about (Dis-)Sims
David Nebel and Marika Kaden (CI-Group, UAS Mittweida)

11:45 11:50 Closing

11:50 13:00 Lunch

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