

Statistical Computing 2016

48th Workshop - Program Overview

17.07. - 20.07.2016, Schloss Reisenburg (Günzburg)

2016-07-17		2016-07-18	2016-07-19	2016-07-20
	9:30 9:50	Rainer Schuler (Ulm): Counting the number of molecules of a single mRNA species	Janeke Thomas (München): Stability selection for boosted generalized additive models for location scale and shape	Alexander Engelhardt (München): Implementing an EM algorithm for partially dependent data
	9:50 10:10	Alfred Utsch (Marburg) Jörn Lötsch (Frankfurt): Process pharmacology: Using computational functional genomics knowledge to connect drugs with biological processes	Tobias Hepp (Erlangen): Assessing the significance of effects in boosted location and scale models	Pascal Schlosser (Freiburg): Netboost: Boosting supported network analysis for high dimensional genomic datasets
	10:10 10:30	Sebastian Krey (Köln): Modeling and Calibration of robust Gas Sensors	Andreas Mayr (Erlangen): Boosting distributional regression models for multivariate responses	Leonie Weinhold (Bonn): A Statistical Model for the Analysis of Beta Values in DNA Methylation Studies
	10:30 11:00	Break	Break	Break
	11:00 11:20	Peter Chronz (Göttingen): Introduction to Julia	Sarah Friedrich (Ulm): GFD: An R-package for the Analysis of General Factorial Designs - along with a Graphical User Interface	Gunnar Völkel (Ulm): Automated Design of Search Algorithms for Feature Set Ensembles
	11:20 11:40		Thomas Welchowski (Bonn): kernDeepStackNet: An R package for tuning kernel deep stacking networks	Werner Adler (Erlangen): Ensemble Pruning for Glaucoma Detection
	11:40 12:00		Julian Schwab (Ulm): Implementation and Simulation of Boolean Networks on FPGAs	Berthold Lausen (Colchester): Ensemble of selected classifiers
	12:00 13:30	Lunch	Lunch	Lunch
	13:30 13:50	Tutorial: Peter Chronz (Göttingen): Hands-on Introduction to Julia: Simplicity, Expressiveness, and Performance	Moritz Hanke (Bremen): A small REvolution and modified temporal centrality measures are needed for incomplete graph sequences of dynamic networks	
	13:50 14:10		Andre Burkovski (Ulm): Performance of ordinal-scaled prototype-based classifiers on microarray datasets	
	14:10 14:30		Elisabeth Waldmann (Erlangen): Boosting Joint Models for Longitudinal and Time-to-Event Data	
	14:30 15:00		Thomas Villmann (Mittweide): Classification Certainty and Reject Options in Learning Vector Quantization	
	15:00 15:30	Break	Break	
	15:30 15:50	Social Program Nabada (Schwörmontag) Ulm	Bernd Bischl (München): Multi-Objective Parameter Configuration of Machine Learning Algorithms using Model-Based Optimization	
	15:50 16:10		Philipp Probst (München): On the Hyperparameter Settings of Random Forest	
	16:10 16:30		Lyn-Rouven Schirra (Ulm): Feature selecting multi-class classification	
	16:30 16:50		Laura Beggel (München): Anomaly Detection with Shapelet-Based Feature Learning for Time Series	
	17:00 18:00		Working group meeting on Statistical Computing 2017 and other topics (all welcome)	
Dinner	18:00 20:00		Dinner	
Eyke Hüllermeier (Paderborn): Superset learning and data imprecisiation	20:00 21:00			