

# Statistical Computing 2015

## 47<sup>th</sup> Workshop - Program Overview

19.07. - 22.07.2015, Schloss Reisenburg (Günzburg)

2015-07-19		2015-07-20	2015-07-21	2015-07-22
	9:30 9:50	<b>Anne-Sophie Stöhker</b> (Freiburg): Integrative Analysis of Case-Control Data on Multiple Cancer Subtypes	<b>Max Schneider</b> (Potsdam): Spatial Variation of Agricultural Abandonment with Spatially Boosted Models	<b>Marius Felder</b> (Jena): Long-read sequencing for repetitive structure resolution
	9:50 10:10	<b>Elisabeth Waldmann</b> (Erlangen): Joint Modelling of Quantile Regression and Survival Time of Lung Function Decline in Cystic Fibrosis Patients	<b>Tobias Hepp</b> (Erlangen): Regularization methods in statistical modelling - A comparison between gradient boosting and lasso	<b>Philipp Koch</b> (Jena): Using a novel NGS read-based method for the discovery and annotation of repetitive elements in the genome of the short-lived killifish <i>Nothobranchius furzeri</i>
	10:10 10:30	<b>Silke Janitza</b> (München): Variable Importance Measures in Random Forests	<b>Andreas Mayr</b> (Erlangen): Analysing measurement errors via boosting location and scale models	<b>Florian Schmid</b> (Ulm): Data transformations for invariant classifiers
	10:30 11:00	Break	Break	Break
	11:00 11:20	<b>Holger Fröhlich</b> (Bonn): Probabilistic Modeling of biological high throughput data	<b>Joaquin Vanschoren</b> (Eindhoven): OpenML: Networked science in machine Learning	<b>Lyn-Rouven Schirra</b> (Ulm): Evaluating feature selection methods for binarized Data
	11:20 11:40			<b>Alexander Engelhardt</b> (München): A statistical model for signal detection and bias correction in chip-seq data
	11:40 12:00			<b>Jakob Richter</b> (Dortmund): Multi Fidelity Model-Based Hyper-Parameter tuning for Large Scale Learning Problems
	12:00 13:30	Lunch	Lunch	Lunch
	13:30 13:50	<b>Tutorial:</b> <b>Marvin Wright</b> (Lübeck): Implementation of random forests in the R package Ranger	<b>Giuseppe Casalicchio</b> (München): The Residual-based Predictiveness Curve - A Visual Tool to Assess the Performance of Prediction Models	
	13:50 14:10		<b>Alfred Ultsch</b> (Marburg): 3-D printing as a tool for knowledge discovery in high dimensional data spaces	
	14:10 14:30		<b>Rolf Hühne</b> (Jena): Lifespan Data Analysis - 3D Gene Network Visualization	
	14:30 14:50	Break	<b>Uwe Ligges</b> (Dortmund): Model based optimization of a statistical simulation model for single diamond grinding	
	14:50 15:30	<b>Social Program</b> <b>Nabada</b> (Schwörmontag)  <b>Ulm</b>	<b>Poster-Teaser</b> <b>Postersession + Break</b>	
	15:30 15:50		<b>Andre Burkovski</b> (Ulm): Handling Missing Values in Rank Aggregation	
	15:50 16:10		<b>Werner Adler</b> (Erlangen): Ensemble pruning to optimize the performance of ensembles of decision trees with unbalanced data sets	
	16:10 16:30		<b>Dirk Surmann</b> (Dortmund): Predicting Measurements at Unobserved Locations in an Electrical Transmission System	
	16:30 16:50		<b>Gunnar Völkel</b> (Ulm): Parallel Algorithms with Sputnik	
	16:50 17:50		Working group meeting on <b>Statistical Computing 2016</b> and other topics (all welcome)	
Dinner	18:00 20:00		Dinner	
<b>Andreas Ziegler</b> (Lübeck): Random forests: Current concepts and implementations	20:00 21:00		<b>Tutorial:</b> <b>Bernd Bischl, Giuseppe Casalicchio</b> (München): OpenML with R and mlr	