May 15, 2018 (Tuesday)

		Foo Room	Bar Hall	
8:00		**Registration**		
8:10				
8:20				
8:30				
8:40				
8:50		Conference opening		
9:00	Gergely Daróczi	Martin Mächler		
9:10				
9:20				
9:30				
9:40				
9:50		Jeroen Ooms: Using Rust code in R packages	Edwin Thoen: A recipe for recipes	Branko Kovač
10:00				
10:10		Lionel Henry: Harness the R condition system	Ildiko Czeller: The essentials to work with object-oriented systems in R	
10:20				
10:30				
10:40		**Coffee break**		
10:50				
11:00	Przemyslaw Biecek	Stefano M. Iacus: *Sentiment Analysis on Social Media and Big Data*		
11:10				
11:20				
11:30				
11:40				
11:50		Olga Mierzwa-Sulima: *Taking inspirations from proven frontend frameworks to add to Shiny with 4 new packages*	Marcin Kosiński: *Multi-state churn analysis with a subscription product*	Henrik Bengtsson
12:00				
12:10		Mikołaj Olszewski: *Not all that Shiny by default*	Bence Arató: *The Big Connection - using R with big data* Florian Privé: *An R package for statistical tools with big matrices stored on disk* Matthias Kaeding: *RcppGreedySetCover – Scalable Set Cover* Emil Lykke Jensen: *Make R elastic*	
12:20				
12:30				
12:40				
12:50		**Lunch break**		
13:00				
13:10				

		Foo Room	Bar Hall	
13:20				
13:30	Bence Arató	Nathalie Villa-Vialaneix: *Learning from (dis)similarity data*		
13:40				
13:50				
14:00				
14:10				
14:20		Erin LeDell: *Scalable Automatic Machine Learning in R*	Sander Devriendt: *Sparsity with multi-type Lasso regularized GLMs*	Kevin O'Brien
14:30				
14:40		Szilard Pafka: *Better than Deep Learning - Gradient Boosting Machines (GBM) in R*	Francois Mercier: *Nonlinear mixed-effects models in R*	
14:50				
15:00		Andrie de Vries: *Tools for using TensorFlow with R*	Stanislaus Stadlmann: *bamlss.vis - an R package for interactively visualising distributional regression models*	
15:10				
15:20				
15:30		**Coffee break**		
15:40				
15:50	David Smith	Matthias Templ: *Compositional analysis of our favourite drinks*	Tom Reynkens: *Estimating the maximum possible earthquake magnitude using extreme value methodology: the Groningen case*	Kevin O'Brien
16:00				
16:10		Przemyslaw Biecek: *Show me your model 2.0*	Andrew Collier: *Taking the Bayesian Leap*	
16:20				
16:30		Heather Turner: *Modelling Item Worth Based on Rankings*	Timothy Wong: *Generalised Additive Model for Field Operation Demand Modelling* Krzysztof Jędrzejewski: *IRT and beyond - what to do when you want to modify a model, but the package you use do not let you?*	
16:40			Lubomír Štěpánek: *Classification and attractiveness evaluation of facial emotions for purposes of plastic surgery using machine-learning methods and R* Johannes Gussenbauer: *The R-Package 'surveysd'*	
16:50		Federico Marini: *Interactivity meets Reproducibility: the ideal way of doing RNA-seq analysis*	Samuel Borms: *An integrated framework in R for textual sentiment time series aggregation and prediction* Peter Laurinec: *Time Series Representations for Better Data Mining* Ekaterina Fedotova: *Pragmatic approach for efficient processing of spatial data: application to climatology* Jakub Houdek: *How to tell if a hockey player performs well (enough)* Chris von Csefalvay: *Soylent Green is populations! Using synthetic populations in research and analytics*	
17:00				
19:00				
19:30		**Conference Dinner**		
21:30				

May 16, 2018 (Wednesday)

		Foo Room	Bar Hall	
8:30				
8:40		**Registration**		
8:50				
9:00	Heather Turner	Roger Bivand: *A practical history of R (where things came from)*		
9:10				
9:20				
9:30				
9:40				
9:50		Henrik Bengtsson: *A Future for R: Parallel and Distributed Processing in R for Everyone*	Noa Tamir: *Data Culture in Practice*	Andrew Collier
10:00				
10:10		Dénes Tóth: *radii.defer - Deferred execution of nested functions*	Aimee Gott: *Using R to Build a Data Science Team*	
10:20				
10:30				
10:40		**Coffee break**		
10:50				
11:00	Eszter Windhager-Pokol	Barbara Borges: *Drilldown data discovery with Shiny*	Leopoldo Catania: *Predicting Cryptocurrencies Time–Series with the eDMA package*	Andrew Collier
11:10				
11:20		Colin Gillespie: *Getting the most out of GitHub and friends*	David Ardia: *Markov-Switching GARCH Models in R: The MSGARCH Package]*	
11:30				
11:40		David Smith: *Speeding up R with Parallel Programming in the Cloud*	Andreas Scharmüller: *Time series modeling of plant protection products in aquatic systems in R*	
11:50				
12:00		Simon Field: *Exploiting Spark for high-performance scalable data engineering and data-science on Microsoft Azure*	Claus Thorn Ekstrøm: *Predicting the winner of the 2018 FIFA World Cup predictions*	
12:10				
12:20		Goran Milovanović: *Wikidata Concepts Monitor – R in action across Big Wikidata*	Hannah Frick: *Navigating the Wealth of R Packages* Mikkel Freltoft Krogsholm: *Write Rmazing Code!* Tamas Szilagyi: *Robust Data Pipelines with Drake and Docker*	
12:30			Alicja Fraś: *Nested apply as an alternative to double for loops*	
12:40				
12:50				
13:00		**Lunch break**		
13:10				
13:20				
13:30				

		Foo Room	Bar Hall	
13:40	Roger Bivand	Achim Zeileis: *R/exams -- A One-for-All Exams Generator*		Ágnes Salánki
13:50				
14:00				
14:10				
14:20				
14:30		Mark van der Loo: *Tracking changes in data with the lumberjack package*	Mikolaj Olszewski: *What teaching R taught me about R* Tatjana Kecojevic: *Setting up your R workshop in the cloud* Titus Laska: *Quality Assurance in Healthcare with R* Mira Céline Klein: *Writing R packages for clients: Guidelines at INWT Statistics* Luke Johnston: *An R toolkit to simplify and automate an open scientific workflow* Tamás Nagy: *Manage your meta-analysis workflow like a boss: Introducing the {metamanager} package* Andrea Schnell: *Establishing analytical pipelines tools and culture*	
14:40				
14:50		Edwin de Jonge: *validatetools - resolve and simplify contradictive or redundant data validation rules*		
15:00				
15:10				
15:20		**Coffee break**		
15:30				
15:40	Roger Bivand	Arthur Charpentier: *Demographics with Genealogical Data*	Andrea Melloncelli: *What software engineers can teach to data scientists – code safety with automatic tests*	Ágnes Salánki
15:50				
16:00		Robin Lovelace: *Geocomputation for Active transport planning: a case study of cycle network design*	Wit Jakuczun: *Know your R usage workflow to handle reproducibility challenges*	
16:10				
16:20		Mira Kattwinkel: *openSTARS – prepare GIS data for regression analysis on stream networks*	Omayma Said: *Fitting Humans Stories in List Columns Cases From an Online Recruitment Platform*	
16:30				
16:40		Tomislav Hengl: *Machine Learning (ranger package) as a framework for spatial and spatiotemporal prediction*	Zuzana Hubnerova: *Asymptotic Powers of Selected ANOVA Tests in Generalized Linear Models*	
16:50				
17:00		**Closing remarks**		
17:45				
18:30		**R Ladies Meetup**		
20:30				