


Wednesday 10 July 2019						
Time	Concorde 1+2	Cassiopée	Caravelle 2	Saint-Exupéry	Ariane 1+2	Guillaumet 1+2
Keynote						
10:00	R for better science in less time  <i>Julia Stewart Lowndes</i>					
	Data handling	Education	Models 1	Shiny	Applications 1	Multivariate analysis
11:30	Enhancements to data tidying  <i>Hadley Wickham</i>	Mathematical Modeling with R: Embedding Computational Thinking into High School Math Classes in the United States  <i>Kenia Wiedemann</i>	A Generalized Framework for Parametric Regression Splines  <i>Georges MonetteJohn Fox</i>	Logging and Analyzing Events in Complex Shiny Apps  <i>Kamil Wais</i>	Application of WRSS in Water and Energy Analysis; An object oriented R package for large-scale water resources operation  <i>Rezgar Arabzadeh</i>	ClustBlock: a package for clustering datasets  <i>Fabien Llobell</i>
11:48	n() cool #dplyr things  <i>Romain Francois</i>	Teaching data science with puzzles  <i>Irene Steves</i>	Regularized estimation of the nominal response model  <i>Michela Battauz</i>	mwshiny: Connecting Shiny Across Multiple Windows  <i>Hannah De Los Santos</i>	An R Package for the Distributed Hydrological Model GEOtop  <i>Emanuele Cordano</i>	ordinalClust: an R package for analyzing ordinal data.  <i>Margot Seloisse</i>
12:06	You don't need Spark for this - larger-than-RAM data manipulation with disk.frame  <i>Zhuo Jia Dai</i>	Teaching R and statistics to higher degree research students and industry professionals  <i>Alethea Rea</i>	merlin - mixed effects regression for linear and nonlinear models  <i>Alessandro Gasparini</i>	Shiny app deployment and integration into a custom website gallery in R / Shiny  <i>Riccardo PorrecaRoland Schmid</i>	Big data analysis for power plant operational data for optimizing engineering design in R / Shiny  <i>Friedrich-Claus Grueber</i>	funHDDC, a R package to cluster univariate and multivariate functional data  <i>Amandine Schmutz</i>
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12:42	git2rdata: storing dataframes in a plain text format suitable for version control  <i>Thierry Onkelinx</i>	Data Science in a Box  <i>Mine Cetinkaya-Rundel</i>	General-to-Specific (GETS) Modelling with User-Specified Estimators and Models  <i>Genaro Sucarrat</i>		Collective and Point Anomaly Detection in R  <i>Daniel Grase</i>	Visualizing multivariate linear models in R  <i>Michael Friendly</i>
	Shiny 2	Applications 2	Social science, marketing & business	Reproducibility	Movement & transport	Bioinformatics 1
14:00	Golem : A Framework for Building Robust & Production Ready Shiny Apps  <i>Vincent Guyader</i>	Using AI and R to help improve the quality and health of your personalised food basket.  <i>Peter Jaksons</i>	Visualisation of open-ended interviews through qualitative coding and cognitive mapping  <i>Frédéric Vanwindekens</i>	Package flexible: a grammar to produce tabular reporting from R  <i>Quentin Fazilleau</i>	Navigating through the R packages for movement  <i>Rocio Joo</i>	Multi-data learning with M-ABC: extending your ABC's  <i>Marijke Van Moerbeke</i>
14:18	Art of the Feature Toggle: Patterns for maintaining and improving Shiny applications over time  <i>Kelly Obriant</i>	Variation of patient turnover on a 30-minutes basis for 3 years: analysis of routine data of a Swiss University Hospital  <i>Sarah N. Musy</i>	choicetools: a package for conjoint analysis and best-worst surveys  <i>Chris Chapman</i>	Connecting R/R Markdown and Microsoft Word using StatTag for Collaborative Reproducibility  <i>Leah Welty</i>	Classes, methods and data analysis for trajectories  <i>Mohammad Mehdi Moradi</i>	Fast and Optimal Peak Detection in Large Genomic Data via the PeakSegDisk Package  <i>Toby Hocking</i>
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14:54	Best practices for building Shiny enterprise applications  <i>Filip Stachura</i>	Simulation of the physical movement for Machine Learning with R: Simulation of Robot gait Optimization Using GA  <i>Hae-Yoon Jung</i>	proprio: Enhancing Discovered Process Models using Bayesian Inference and MCMC  <i>Gert Janssenswillen</i>	R gnumaker: easy Makefile construction for enhancing reproducible research  <i>Peter Baker</i>	R for Transport Planning  <i>Robin Lovelace</i>	clustDRM: an R package and Shiny app for modeling high-throughput dose-response data  <i>Vahid Nassiri</i>
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16:00	A missing value tour in R  <i>Julie Josse</i>					

Thursday 11 July 2019						
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Keynote						
09:15	Shiny's Holy Grail: Interactivity with reproducibility  <i>Joe Cheng</i>					
	Workflow & development	Text mining	Spatial & time series	Open science, education & community	Biostatistics & epidemiology	
10:25	Transitioning between various RMarkdown packages for workflow optimization in academic research; a graduate student's perspective.  <i>Brent Thorne</i>	{polite} - web etiquette for R users  <i>Dmytro Perepolkin</i>	R in the Air  <i>Enrica SpinielliTamara Pejovic</i>	Open-access software for research: beyond data analysis  <i>Saras Windecker</i>	A Shiny Webapp for nutritional reformulation of food products according to French front-of-pack "Nutri-Score" label.  <i>Romane Poinso</i>	
10:30	An Approach to Project Workflow for Professional Biostatistical Services  <i>Paul Stevenson</i>	The R Package sentometrics to Compute, Aggregate and Predict with Textual Sentiment  <i>Samuel Borms</i>	Measuring inequalities from space. Analysis of satellite raster images with R  <i>Piotr Wójcik</i>	Teaching reproducible spatial analysis in R  <i>Angela Li</i>	Using Shiny to track winter pressures in the UK National Health Service (NHS)  <i>Fiona Grimm</i>	
10:35	ropsec: a package for easing operations security for the R user  <i>Ilidko Czeller</i>	BibliographeR : a set of tools to help your bibliographic research  <i>Cécile SauderJean Delmotte</i>	SILand: an R package for estimating the spatial influence of landscape  <i>Florence Carpentier</i>	Use aRt to learn algorithms, math, and R  <i>William Chase</i>	antibioticR: An R package to identify resistant populations in environmental bacteria  <i>Thomas Petzoldt</i>	
10:40	compareWith - user-friendly diff viewing and VCS interaction  <i>Nicoletta Farabullini</i>	ggwordcloud: a word cloud geometry for ggplot2  <i>Erwan Le Pennec</i>	Spatio-temporal Analysis of Diabrotica Emergence  <i>Rodelyn Jaksons</i>	The evolution and importance of the R-Ladies São Paulo chapter in Brazil  <i>Beatriz Milz</i>	MR studies in R: how to use genetic information for identifying modifiable risk factors  <i>Daniela Mariosa</i>	
10:45	goodpractice - A Tool for Good Package Development  <i>Hannah Frick</i>	Die Nutella oder Das Nutella? Grammatical Gender Prediction of German Nouns  <i>Chung-Hong Chan</i>	Navigating spatial data management and analysis in Sustainable Fisheries using a combined R-Python approach  <i>Annette Scheffer</i>	Building Active Community at Your Place  <i>Binod Jung Bogati</i>	Streamlining complex analyses of in-vivo data with INVIVOLDA shiny application  <i>Volha Tryputsen</i>	
10:50	rt - R Tools for the Command Line  <i>Jakob Richter</i>	Implementing a Classification and Filtering App for Multilingual Facebook Comments – A Use Case Of Data For Good with R  <i>Johannes Müller</i>	Dealing with the change of administrative divisions over time  <i>Kim Antunez</i>	Scaling useR Communities with Engagement and Retention Models  <i>Eyitayo Alimi</i>	A shiny web application for disease mapping. Making easy the fit of spatio-temporal models.  <i>Aritz Adin</i>	
10:55		queryMed: Linking pharmacological and medical knowledge using semantic Web technologies  <i>Nolwenn Le Meur</i>	persephone, seasonal adjustment with an object-oriented wrapper for RjDmetra  <i>Gregor De Cillia</i>			
Communities & conferences		Data mining	Models 2	Programming 1	Forecasting	Biostatistics & epidemiology 1
11:30	R for Data Science Online Community  <i>Dennis Irore</i>	Machine Learning with R: do it with a framework  <i>Eric Lecoutre</i>	Using Rcpp* packages for easy and fast Gibbs sampling MCMC from within R  <i>Ghislain VieilledentJeanne Clément</i>	HTTP Requests For R Users and Package Developers  <i>Scott Chamberlain</i>	Flexible futures for fable functionality  <i>Mitchell O'hara-Wild</i>	Reproducible data science to support outbreak responses: experience from the North Kivu Ebola outbreak  <i>Thibaut Jombart</i>
11:48	Insights from the recent R community development and growth in Latin America  <i>Laura Acion</i>	Building and Benchmarking Automatic Machine Learning Systems  <i>Erin Ledell</i>	A toolbox for fitting non-separable space-time log-Gaussian Cox models using R-INLA  <i>Elias Krainski</i>	R and security  <i>Colin Gillespie</i>	Feature-based Time Series Forecasting  <i>Thiyanga Talagala</i>	Advancing data science to support outbreak responses: experience from the North Kivu Ebola outbreak  <i>Zhian Kamvar</i>
12:06	AfricaR  <i>Dennis IroreShel Kariuki</i>	mlr3: A new modular framework for machine learning with R  <i>Michel Lang</i>	Adaptive Bayesian SLOPE -- High-dimensional Model Selection with Missing Values  <i>Wei Jiang</i>	DRY out your workflow with the usethis package  <i>Jennifer Bryan</i>	Random forests for time series  <i>Benjamin GoehryHui Yan</i>	micemd: a smart multiple imputation R package for missing multilevel data  <i>Vincent Audigier</i>
12:24	The truth about satRdays (panel session, part 1)  <i>Noa TamirColin GillespieRiva QuirogaVincent Warmerdam</i>	mlr3pipelines: Machine Learning Pipelines as Graphs  <i>Bernd Bischl</i>	REndo: An R Package to Address Endogeneity Without External Instrumental Variables  <i>Raluca Gui</i>	Reusing tidyverse code, the easy way  <i>Lionel Henry</i>	Smooth forecasting in R  <i>Ivan Svetunkov</i>	Facilitating external use with user-friendly interfaces: a health policy model case study  <i>Iryna Schlackow</i>
12:42	The truth about satRdays (panel session, part 2)  <i>Noa TamirColin GillespieRiva QuirogaVincent Warmerdam</i>		Discovering the cause: Tools for structure learning in R  <i>Anne Helby Petersen</i>	Simple Arrays  <i>Davis Vaughan</i>	Forecast Combination in R  <i>Eran Raviv</i>	genogeographer - a tool for ancestry informative markers  <i>Torben Tvedebrink</i>
Operations & data products		Programming 2	Numerical methods	Visualisation	Spatial data & maps	Bioinformatics 2
14:00	How a non-profit uses R for its daily operations  <i>Francois Michonneau</i>	Sustainable Package Development  <i>Tomas Kalibera</i>	Analysing results from Monte Carlo simulation studies using the rsimsum package and the INTEREST shiny app  <i>Alessandro Gasparini</i>	colorspace: A Toolbox for Manipulating and Assessing Color Palettes  <i>Achim Zeileis</i>	Strengthening of R in support of spatial data infrastructures management: geometa and ows4R packages  <i>Emmanuel Blondel</i>	Interfacing R/Bioconductor with Hail, a Spark-based platform for genomics  <i>Michael Lawrence</i>
14:18	rjenkins and rundeck: Coordinating Continuous Integration and Delivery with R  <i>Daan Seynaeve</i>	Typing R  <i>Elie Canonici Merle</i>	Algorithmic Differentiation in R using the RcppEigenAD package  <i>Robert Crouchley</i>	Vegawidget: Composing and Rendering Interactive Vega-Lite) Charts  <i>Ian Lyttle</i>	Resample-smoothing of Voronoi intensity estimators  <i>Ege Rubak</i>	ISEE: interactive and reproducible exploration and visualization of genomics data  <i>Federico Marini</i>
14:36	Advanced Git Integrations for Automating the Delivery of Reproducible Data Products in R  <i>Kelly Obriant</i>	nCompiler: C++ code-generation from R code  <i>Perry De Valpine</i>	Describing and solving differential equations with a new domain specific language, odin  <i>Richard Fitzjohn</i>	Visualising high-dimensional data: new developments of the tourr package using Shiny and plotly  <i>Ursula Laa</i>	Thematic mapping with "cartography"  <i>Timothée Giraud</i>	POMA: Shiny tool for targeted metabolomic data statistical analysis and visualization  <i>Pol Castellano-Escuder</i>
14:54	GitHub actions for R  <i>Verena HeldMax Held</i>	Mixed interactive debugging of R and native code with FastR and Visual Studio Code  <i>Zbynek Slajchrt</i>		xstatR: an Environment for Running R and XLISP-STAT in Docker Containers  <i>Jim Harner</i>	Creating privacy protecting density maps: sdcSpatial  <i>Edwin De Jonge</i>	
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16:00	How Bioconductor advances science while contributing to the R language and community  <i>Martin Morgan</i>					

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