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 *Julia Stewart Lowndes*					
	Data handling	Education	Models 1	Shiny	Applications 1	Multivariate analysis
11:30	Enhancements to data tidying *Hadley Wickham*	Mathematical Modeling with R: Embedding Computational Thinking into High School Math Classes in the United States *Kenia Wiedemann*	A Generalized Framework for Parametric Regression Splines *Georges MonetteJohn Fox*	Logging and Analyzing Events in Complex Shiny Apps *Kamil Wais*	Application of WRSS in Water and Energy Analysis; An object oriented R package for large-scale water resources operation *Rezgar Arabzadeh*	ClustBlock: a package for clustering datasets *Fabien Llobell*
11:48	n() cool #dplyr things *Romain Francois*	Teaching data science with puzzles *Irene Steves*	Regularized estimation of the nominal response model *Michela Battauz*	mwshiny: Connecting Shiny Across Multiple Windows *Hannah De Los Santos*	An R Package for the Distributed Hydrological Model GEOtop *Emanuele Cordano*	ordinalClust: an R package for analyzing ordinal data. *Margot Selosse*
12:06	You don't need Spark for this - larger-than-RAM data manipulation with disk.frame *Zhuo Jia Dai*	Teaching R and statistics to higher degree research students and industry professionals *Alethea Rea*	merlin - mixed effects regression for linear and nonlinear models *Alessandro Gasparini*	Shiny app deployment and integration into a custom website gallery *Riccardo PorrecaRoland Schmid*	Big data analysis for power plant operational data for optimizing engineering design in R / Shiny *Friedrich-Claus Grueber*	funHDDC, a R package to cluster univariate and multivariate functional data *Amandine Schmutz*
12:24	Data frames for grouped data: the gdata.frame package *Yves Croissant*	ghclass: an R package for managing classes with GitHub *Colin Rundel*	Modern likelihood-frequentist inference with the likelihoodAsy package *Ruggero Bellio*	Automated Surveys and Reports for Expert Elicitation with Shiny *Machteld Varewyck*	Anomaly Detection in R *Priyanga Dilini Talagala*	Using the package `simple features` (sf) for sensitivity analysis *Maikol Solís*
12:42	git2rdata: storing dataframes in a plain text format suitable for version control *Thierry Onkelinx*	Data Science in a Box *Mine Cetinkaya-Rundel*	General-to-Specific (GETS) Modelling with User-Specified Estimators and Models *Genaro Sucarrat*		Collective and Point Anomaly Detection in R *Daniel Grose*	Visualizing multivariate linear models in R *Michael Friendly*
	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 *Vincent Guyader*	Using AI and R to help improve the quality and health of your personalised food basket. *Peter Jaksons*	Visualisation of open-ended interviews through qualitative coding and cognitive mapping *Frédéric Vanwindekens*	Package flextable: a grammar to produce tabular reporting from R *Quentin Fazilleau*	Navigating through the R packages for movement *Rocio Joo*	Multi-data learning with M-ABC: extending your ABC's *Marijke Van Moerbeke*
14:18	Art of the Feature Toggle: Patterns for maintaining and improving Shiny applications over time *Kelly Obriant*	Variation of patient turnover on a 30-minutes basis for 3 years: analysis of routine data of a Swiss University Hospital *Sarah N. Musy*	choicetools: a package for conjoint analysis and best-worst surveys *Chris Chapman*	Connecting R/R Markdown and Microsoft Word using StatTag for Collaborative Reproducibility *Leah Welty*	Classes, methods and data analysis for trajectories *Mohammad Mehdi Moradi*	Fast and Optimal Peak Detection in Large Genomic Data via the PeakSegDisk Package *Toby Hocking*
14:36	Data for all: Empowering teams with scalable Shiny applications *Alexandra TurcanRuan Pearce-Authers*	Bridging agent-based modelling and R with nlrx: simulating pedestrian's long-term exposure to air pollution *Hyesop Shin*	Robust mediation analysis using the R package robmed *Andreas Alfons*	The "Rmd first" method: when projects start with the documentation *Sébastien Rochette*	Modelling spatial flows with R *Christine Thomas-Agnan*	PEREpigenomics: a shiny app to visualize Roadmap Epigenomics data *Guillaume Devailly*
14:54	Best practices for building Shiny enterprise applications *Filip Stachura*	Simulation of the physical movement for Machine Learning with R: Simulation of Robot gait Optimization Using GA *Hae-Yoon Jung*	propro: Enhancing Discovered Process Models using Bayesian Inference and MCMC *Gert Janssenswillen*	R gnumaker: easy Makefile construction for enhancing reproducible research *Peter Baker*	R for Transport Planning *Robin Lovelace*	clustDRM: an R package and Shiny app for modeling high- throughput dose-response data *Vahid Nassiri*
	Keynote					
16:00	A missing value tour in R *Julie Josse*					

Thursday

11 July 2019

Time	Concorde 1+2	Cassiopée	Caravelle 2	Saint-Exupéry	Ariane 1+2	Guillaumet 1+2
	Keynote					
09:15	Shiny's Holy Grail: Interactivity with reproducibility *Joe Cheng*					
⚡	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. *Brent Thorne*	{polite} - web etiquette for R users *Dmytro Perepolkin*	R in the Air *Enrico SpinelliTamara Pejovic*	Open-access software for research: beyond data analysis *Saras Windecker*	A Shiny Webapp for nutritional reformulation of food products according to French front-of-pack "Nutri-Score" label. *Romane Poinsot*	
10:30	An Approach to Project Workflow for Professional Biostatistical Services *Paul Stevenson*	The R Package sentometrics to Compute, Aggregate and Predict with Textual Sentiment *Samuel Borms*	Measuring inequalities from space. Analysis of satellite raster images with R *Piotr Wójcik*	Teaching reproducible spatial analysis in R *Angela Li*	Using Shiny to track winter pressures in the UK National Health Service (NHS) *Fiona Grimm*	
10:35	ropsec: a package for easing operations security for the R user *Ildiko Czeller*	BibliographeR : a set of tools to help your bibliographic research *Cécile SauderJean Delmotte*	SILand: an R package for estimating the spatial influence of landscape *Florence Carpentier*	Use aRt to learn algorithms, math, and R *William Chase*	antibioticR: An R package to identify resistant populations in environmental bacteria *Thomas Petzoldt*	
10:40	compareWith - user-friendly diff viewing and VCS interaction *Nicoletta Farabullini*	ggwordcloud: a word cloud geometry for ggplot2 *Erwan Le Pennec*	Spatio-temporal Analysis of Diabrotica Emergence *Rodelyn Jaksons*	The evolution and importance of the R-Ladies São Paulo chapter in Brazil *Beatriz Milz*	MR studies in R: how to use genetic information for identifying modifiable risk factors *Daniela Mariosa*	
10:45	goodpractice - A Tool for Good Package Development *Hannah Frick*	Die Nutella oder Das Nutella? Grammatical Gender Prediction of German Nouns *Chung-Hong Chan*	Navigating spatial data management and analysis in Sustainable Fisheries using a combined R-Python approach *Annette Scheffer*	Building Active Community at Your Place *Binod Jung Bogati*	Streamlining complex analyses of in-vivo data with INVIVOLDA shiny application *Volha Tryputsen*	
10:50	rt - R Tools for the Command Line *Jakob Richter*	Implementing a Classification and Filtering App for Multilingual Facebook Comments – A Use Case Of Data For Good with R *Johannes Müller*	Dealing with the change of administrative divisions over time *Kim Antunez*	Scaling useR Communities with Engagement and Retention Models *Eyitayo Alimi*	A shiny web application for disease mapping. Making easy the fit of spatio-temporal models. *Aritz Adin*	
10:55		queryMed: Linking pharmacological and medical knowledge using semantic Web technologies *Nolwenn Le Meur*	persephone, seasonal adjustment with an object-oriented wrapper for RJDmetra *Gregor De Cillia*			
	Communities & conferences	Data mining	Models 2	Programming 1	Forecasting	Biostatistics & epidemiology 1
11:30	R for Data Science Online Community *Dennis Irorere*	Machine Learning with R: do it with a framework *Eric Lecoutre*	Using Rcpp* packages for easy and fast Gibbs sampling MCMC from within R *Ghislain VieilledentJeanne Clément*	HTTP Requests For R Users and Package Developers *Scott Chamberlain*	Flexible futures for fable functionality *Mitchell O'hara-Wild*	Reproducible data science to support outbreak responses: experience from the North Kivu Ebola outbreak *Thibaut Jombart*
11:48	Insights from the recent R community development and growth in Latin America *Laura Acion*	Building and Benchmarking Automatic Machine Learning Systems *Erin Ledell*	A toolbox for fitting non-separable space-time log-Gaussian Cox models using R-INLA *Elias Krainski*	R and security *Colin Gillespie*	Feature-based Time Series Forecasting *Thiyanga Talagala*	Advancing data analytics for field epidemiologists using R: the R4epis innovation project *Zhian Kamvar*
12:06	AfricaR *Dennis IrorereShel Kariuki*	mlr3: A new modular framework for machine learning with R *Michel Lang*	Adaptive Bayesian SLOPE -- High-dimensional Model Selection with Missing Values *Wei Jiang*	DRY out your workflow with the usethis package *Jennifer Bryan*	Random forests for time series *Benjamin GoehryHui Yan*	micemd: a smart multiple imputation R package for missing multilevel data *Vincent Audigier*
12:24	The truth about satRdays (panel session, part 1) *Noa TamirColin GillespieRiva QuirogaVincent Warmerdam*	mlr3pipelines: Machine Learning Pipelines as Graphs *Bernd Bischl*	REndo: An R Package to Address Endogeneity Without External Instrumental Variables *Raluca Gui*	Reusing tidyverse code, the easy way *Lionel Henry*	Smooth forecasting in R *Ivan Svetunkov*	Facilitating external use with user-friendly interfaces: a health policy model case study *Iryna Schlackow*
12:42	The truth about satRdays (panel session, part 2) *Noa TamirColin GillespieRiva QuirogaVincent Warmerdam*		Discovering the cause: Tools for structure learning in R *Anne Helby Petersen*	Simple Arrays *Davis Vaughan*	Forecast Combination in R *Eran Raviv*	genogeographer - a tool for ancestry informative markers *Torben Tvedebrink*
	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 *Francois Michonneau*	Sustainable Package Development *Tomas Kalibera*	Analysing results from Monte Carlo simulation studies using the rsimsum package and the INTEREST shiny app *Alessandro Gasparini*	colorspace: A Toolbox for Manipulating and Assessing Color Palettes *Achim Zeileis*	Strengthening of R in support of spatial data infrastructures management: geometa and ows4R packages *Emmanuel Blondel*	Interfacing R/Bioconductor with Hail, a Spark-based platform for genomics *Michael Lawrence*
14:18	rjenkins and rrundeck: Coordinating Continuous Integration and Delivery with R *Daan Seynaeve*	Typing R *Elie Canonici Merle*	Algorithmic Differentiation in R using the RcppEigenAD package *Robert Crouchley*	Vegawidget: Composing and Rendering Interactive Vega(-Lite) Charts *Ian Lyttle*	Resample-smoothing of Voronoi intensity estimators *Ege Rubak*	iSEE: interactive and reproducible exploration and visualization of genomics data *Federico Marini*
14:36	Advanced Git Integrations for Automating the Delivery of Reproducible Data Products in R *Kelly Obriant*	nCompiler: C++ code-generation from R code *Perry De Valpine*	Describing and solving differential equations with a new domain specific language, odin *Richard Fitzjohn*	Visualising high-dimensional data: new developments of the tourr package using Shiny and plotly *Ursula Laa*	Thematic mapping with "cartography" *Timothée Giraud*	POMA: Shiny tool for targeted metabolomic data statistical analysis and visualization *Pol Castellano-Escuder*
14:54	GitHub actions for R *Verena HeldMax Held*	Mixed interactive debugging of R and native code with FastR and Vistual Studio Code *Zbynek Slajchrt*		xstatR: an Environment for Running R and XLISP-STAT in Docker Containers *Jim Harner*	Creating privacy protecting density maps: sdcSpatial *Edwin De Jonge*	
	Keynote					
16:00	How Bioconductor advances science while contributing to the R language and community *Martin Morgan*					

Friday

12 July 2019

Time	Concorde 1+2	Cassiopée	Caravelle 2	Saint-Exupéry	Ariane 1+2	Guillaumet 1+2
	Keynote					
09:15	Tools for Model-Based Clustering in R *Bettina Grün*					
⚡	Shiny & web	Methods & applications	Models & methods	Switching to R	Bioinformatics & biostatistics	
10:25	Native Chrome Automation using R *Christophe DervieuxRomain Lesur*	fxtract - Feature Extraction from Grouped Data *Quay Au*	Adjusting reviewer scores for a fairer assessment via multi-faceted Rasch modelling *Caterina Constantinescu*	The transition from conventional tools in banking to R *Balazi Peter*	rGSAn: a R package dedicated to the gene set analysis using semantic similarity measures. *Aarón Ayllón-BenítezPatricia Thebault*	
10:30	Our journey with Shiny : some packages to enhance your applications *Victor PerrierFanny Meyer*	Spatial Optimisation with OSRM and R *Megan Beckett*	Penalized regressions to study multivariate linear models : the VariSel package. *Marie Perrot-Dockès*	R++, a new Graphical User Interface for R *Christophe Genolini*	Pathway-VisualiseR: An Interactive Web Application for Visualising Gene Networks *Goknur GinerAlexandra Garnham*	
10:35	auth0: Secure Authentication in Shiny with Auth0 *Julio Trecenti*	Anomaly detection in trivago *Peter Brejcak*	Maximum spacing estimation, a new method in fitdistrplus *Christophe Dutang*	R in Pharma: A tailored approach to converting programmers to R in an industry resistant to change *Kieran Martin*	Compiling a global database of sapflow measurements with R: Workflow and tools for the SAPFLUXNET database *Víctor Granda*	
10:40	Packaging shiny applications *Maxim Nazarov*	Using R and the Tidyverse to Play Fantasy Baseball *Angeline Protacio*	rama: an R interface to the GAMA agent-based modeling platform *Marc Choisy*	Community Driven Data Science in Insurance *Kevin Kuo*	Bayesian sequential integration within a preclinical PK/PD modeling framework using rstan package: Lessons learned *Fabiola La Gamba*	
10:45	Photon : Building an electron-shiny app using a simple RStudio add in. *Abbas Rizvi*	Optimizing children sleeping time using regression and machine learning *Alicja Fras*	RcppGreedySetCover: Scalable Set Cover *Kaeding Matthias*	unconfUROS and one of its outputs vornoiTreemap *Alexander Kowarik*	VICI: a Shiny app for accurate estimation of Vaccine Induced Cellular Immunogenicity with bivariate modeling *Boris Hejblum*	
10:50	Visualizing Huge Amounts of Fleet Data using Shiny and Leaflet *Andreas Wittmann*		The GPareto and GPGame packages for multi and many objective Bayesian optimization *Mickaël Binois*	An R implementation of a model-based estimator – a UK case study *Konstantinos Soulanis*	Tools for 3D/4D interactive visualisation of cells and biological tissue *Marion Louveaux*	
10:55				Using advanced R packages for the visualisation of clinical data in a cancer hospital setting *Roxane Legaie*	Analysis of laboratory test requests in a university hospital: A Shiny App for association analysis as a demand management tool *Deniz Topcu*	
	Contribution & collaboration	Model deployment	Big/high dimensional data	Performance	Time series data	Biostatistics & epidemiology 2
11:30	How to win friends and write an open-source book *Jakub NowosadRobin Lovelace*	Machine Learning Infrastructure at Netflix *Savin Goyal*	prVis: a Novel Method for Visual Dimension Reduction *Norman MatloffTiffany JiangWenxuan ZhaoRobert Tucker*	pak: a fresh approach to package installation *Gábor Csárdi*	timeseriesdb - Manage, Process and Archive Time Series with R and PostgreSQL *Matthias Bannert*	Implementation and analysis design of an adaptive-outcome trial in R *Alessio Crippa*
11:48	Making sense of CRAN: Package and collaboration networks *Ioannis Kosmidis*	Deploying machine learning models at scale *Angus Taylor*	PLS for Big Data: A Unified Parallel Algorithm for Regularized Group PLS *Benoit Liquet*	Summary of developments in R's data.table package *Arun Srinivasan*	A feast of time series tools *Rob Hyndman*	Advances in dose-response analysis *Christian RitzJens C. Streibig*
12:06	RWsearch: a package for CRAN users and task view maintainers *Patrice Kiener*	Serverless Computing for R *Christoph BodnerThomas Laber*	multiDA and genDA: Discriminant analysis methods for large scale and complex datasets *Sarah Romanes*	Real-time file import with the vroom package *Jim Hester*	tsbox: Class-Agnostic Time Series *Christoph Sax*	The next generation of the survival package *Terry Therneau*
12:24	Translating datasets using "datalang": the development of "datos" package for the R4DS Spanish translation *Riva Quiroga*	A DevOps process for deploying R to production *David Smith*	compboost: Fast and Flexible Component-Wise Boosting Framework *Daniel Schalk*	A Future for R: Simplified Parallel and Distributed Processing *Henrik Bengtsson*	RJDemetra: an R interface to JDemetra+ seasonal adjustment software *Alain Quartier-La-Tente*	A flexible approach to time-to-event data analysis using case-base sampling *Jesse Islam*
12:42	R Consortium Working Groups *Joseph Rickert*	Authentication and authorization in plumber with the sealr package *Friedrike Preu*	How to speed-up VSURF (Variable Selection Using Random Forests)? *Robin Genuer*	FastRCluster: running FastR from GNU-R *Stepan Sindelar*	Experiences from dealing with missing values in sensor time series data *Steffen Moritz*	The R package mixmeta: an extended mixed-effects framework for meta-analysis *Antonio Gasparrini*
	Keynote					
14:15	'AI for Good' in the R and Python ecosystems *Julien Cornebise*					