


Agenda Overview

The Microsoft NERD Exhibition Center in Cambridge Massachusetts, Boston

Monday, 2nd November - Workshops, Registration and Welcome Network Reception

0900-1000 hrs	Registration and Morning Tea/Coffee	
1000-1130 hrs	Workshop 1: Introduction to Rcpp by Dirk Eddebuetel Sampson/Paul Suite	Workshop 2: Current Best Practices in Formal Package Development by Aimée Gott and Douglas Ashton Horace/Mann Suite
1130-1145 hrs	Morning Break - Tea/Coffee served	
1145-1300 hrs	<i>Workshops continued</i>	
1300-1400 hrs	Registration and Afternoon Tea/Coffee	
1400-1530 hrs	Workshop 3: Getting Started with Spark & R by Mark Sellors, Mango Solutions Sampson/Paul Suite	Workshop 4: Interactive Reporting with R Markdown and Shiny by Garrett Golemund, RStudio Horace/Mann Suite
1530-1600 hrs	Afternoon Break - Tea/Coffee	
1600-1700 hrs	<i>Workshops continued</i>	
1800-1900 hrs	Conference Registration in the NERD Center	
1900 - 2100 hrs	Welcome Evening Drinks and Network Reception Sponsored by:  Horace/Mann Suite	

Tuesday, 3rd November - Day 1 - NERD Suites

0800-0900 hrs	Registration and Arrival Tea/Coffee	
0900-0910 hrs	Opening and Welcome Richard Pugh and Matt Aldridge, Mango Solutions	
0910-0955 hrs	Opening Keynote 1 David Smith, Microsoft	
0955-1040 hrs	Opening Keynote 2 John Thompson, Dell	
1040-1100 hrs	Mid-Morning Refreshments Tea/Coffee	
	STREAM 2 Sampson/Paul Suite	STREAM 1 Horace/Mann Suite
1100-1230 hrs	Session 3 - Modelling •R in Market Research - Handling 'Wide' (not big) Data by Shad Thomas, Glass Box Research •Heuristic Methods for Real World Optimization by Brandon Bass, Altenex LLC •How to do Survival Analysis of Health Data in R by Monika Wahi, DethWench Professional Services	Session 2 - Applications •fbRads; Analyzing and Managing Facebook Ads from R by Gergely Daroczi, CARD.com •Managing R with ValidR Enterprise by Andy Nicholls, Mango Solutions •Yelling FIRE in a Crowded Theatre by Dan Henebery
1230-1330 hrs	Lunch	
1330 - 1500 hrs	Session 5 - Visualization •Predictive Models for Neglected Disease Drug Discovery: Built with R/Shared using Shiny by Paul Kowalczyk, Syngenta Biotechnology, Inc •HiDAP: High Throughput Data Analysis Platform for Agricultural Research by Omar Eduardo Benites Alfaro, International Potato Center •Visualization and Sensitivity Analysis of PK/PD Models in R by Yan Li, Celgene	Session 4 - Business Challenges •Revenue Cycle Acceleration via Azure Machine Learning by Danielle Dean, Microsoft •Vectorisation Needed: Analysing Traffic to a Top 10 Website with R by Oliver Keyes, Wikimedia Foundation •Using R to Model Multi-Billion Dollar Mortgage Assets by Richard Pugh, Mango Solutions
1500-1530 hrs	Afternoon Refreshments Tea/Coffee	
1530 - 1700 hrs	Session 7 - Workflow •Utilizing R-Shiny Server to Project IP and Disseminate Knowledge in a Global Organisation by Michael Conklin, GFK •Using Shinydashboards and dplyr to Real-Time Manufacturing Operational Analytics by Eduardo Arino de la Rubia •Creating Rich Analytic Presentations with the RCloud Framework by Doug Ashton, Mango Solutions	Session 6 - Visualization •Rapidly Visualizing Scientific Data Optimized by Applications of R by Clive Higgins, Exaptive •R and Tableau: Data Science at the Speed of Thought by Tara Walker, Tableau Software •Mapping Census Data in R by Ari Lamstein
1930-2330 hrs	Conference Evening Reception at The Boston Science Museum	

Wednesday 4th November Day 2 - NERD Suites

0830-0900 hrs	Registration and Arrival Tea/Coffee	
0900-0950 hrs	Day 2 Opening Keynote 1 Richard Pugh, Mango Solutions	
0950-1040 hrs	Day 2 Opening Keynote 2 Garrett Grolemond, RStudio	
1040-1100 hrs	Mid-Morning Refreshments Tea/Coffee	
	STREAM 2 Sampson/Paul Suite	STREAM 1 Horace/Wann Suite
1100-1230 hrs	Session 9 - Big Data <ul style="list-style-type: none"> From Data to Decision Making: A Behind the Scenes Look at Building The Most Respected Report in Information Security by Bob Rudis, Verizon New Possibilities with Spark and R by Vincent Warmerdam, GoDataDriven Identifying Key Opinion Leaders in Oncology Using R for Data Analytics and Visualization by Dag Holmboe, Klurig Analytics 	Session 8 - Modelling <ul style="list-style-type: none"> Measuring Brand Ad Effectiveness by Tim Hesterberg, Google Performance Attribution for Equity Portfolios by Yang Lu, Hutchin Hill Capital Using R and Bioconductor in Cancer Genetics and Precision Medicine by Aedin Culhane, Dana-Farber Cancer Institute and Harvard TH Chan School of Public Health
1230-1330 hrs	Lunch	
1330-1500 hrs	Session 11 - Business Challenges <ul style="list-style-type: none"> Quantitative Portfolio Management with High Frequency Data by Jerzy Pawlowski, NYU Polytechnic School of Engineering Garbage In, Garbage Out - Automating Data Quality by Robert Weyrauch Is the Customer Always Right? Yes, but Some are More Right Than Others. by Josiah Davis, Slalom Consulting 	Session 10 - Applications <ul style="list-style-type: none"> plumbr - An R package to trivially convert existing R code into web-accessible APIs by Jeff Allen, RStudio Data Science Workbench for Integrated, Collaborative Analytics by Mark Sellors, Mango Solutions AMP, Automated Monitoring of Phase 1 Studies by William S Denney, Pfizer
1500-1530 hrs	Afternoon Refreshments Tea/Coffee	
1530 - 1730 hrs	Session 13 - Commercial Applications <ul style="list-style-type: none"> Collaborative Data Science by Chris Parmer, Plotly Deploying predictive models as APIs by Nick Elprin, Domino Data Labs Predicting Student Success at Scale: APIs and DSLs for Building and Integrating Many Models by Harlan Harris, Educational Advisory Board Sharing data between R and non-R users by Aimee Gott, Mango Solutions 	Session 12 - Big Data and Performance <ul style="list-style-type: none"> Taking R to New Levels of Scalability and Performance by Mark Hornick, Oracle Integration of Distributed R and Vertica: A Powerful Setting for Big Data Analytics by Arash Fard, HP Using R to Predict Financial Scores with Big Data Technologies in Emerging Markets by Qiuyan Xu, Cignifi Recent Rcpp Developments by Dirk Eddelbuettel
1730-1745 hrs	Conference Closing Remarks – Matt Aldridge and Richard Pugh, Mango Solutions	

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