

EARL London 2019 – Agenda; The Tower Hotel, London

Tuesday 10 September – Workshops

9:00am – 10:00am	Registration and arrival tea and coffee		
10:00am – 1:00pm	Workshop 1: R Markdown and Interactive Dashboards (full day) <i>Including morning refreshment break</i>	Workshop 2: Deep Learning with Keras for R <i>Including morning refreshment break</i>	Workshop 3: Package Development in R <i>Including morning refreshment break</i>
1:00pm – 2:00pm	Registration		
2:00pm – 5:00pm	Workshop 1: R Markdown and Interactive Dashboards (cont.) <i>Including afternoon refreshment break</i>	Workshop 4: Explainable Machine Learning <i>Including afternoon refreshment break</i>	Workshop 5: Shiny for Production <i>Including afternoon refreshment break</i>
5:00pm – 6:00pm	Registration		
6:00pm – 9:00pm	Welcome and networking drinks – Tower Foyer and Bridges 1 & 2		

Wednesday 11 September – Conference Day 1

8:00am – 9:00am	Registration and arrival tea and coffee
SESSION 1	
9:00am - 9:10am	Welcome – Richard Pugh and Matt Aldridge, Mango Solutions
9:10am – 9:55am	Keynote: TBC
9:55am – 10:40am	Keynote: Julia Silge, Stack Overflow
10:40am – 11:00am	Mid-morning refreshments

	STREAM 1 Tower 1	STREAM 2 Tower 2	STREAM 3 Tower 3
SESSION 2 11:00am – 12:30pm	Christel Swift , BBC <i>Building a Shiny app to show affinity between programmes</i>	Ben Byrne , Roche Products <i>Can R-Shiny get drugs to patients faster?</i>	Jack Pameley , BCA <i>Machine Learning and Dev Ops: API Deployment with & without training wheels</i>
	David Smith , Microsoft <i>A DevOps process for deploying R to production</i>	Kelly O'Briant , RStudio <i>The R in Production Handoff: Building bridges from data science to IT</i>	Amanda Beedham , RSA Insurance <i>Harnessing AI to Create Insight from Text</i>

	Megan Stamper , Financial Times <i>Building a new data science pipeline for the FT with RStudio Connect</i>	Robert Duff & Rahulan Chandrasekaran , TFL London <i>Let me in! Let me on! Quantifying highly frustrating events on the Underground</i>	Chris Billingham , MAG-O <i>Battle of the Bands - Starring Tidytext and Tensorflow</i>
12:30pm – 1:30pm	Lunch		
SESSION 3 1:30pm – 3:00pm	Johannes Tang Kristensen , Arla Foods <i>How much milk do our cows produce? Lessons learned from putting our first R model into production</i>	Ioannis Fotiadis , eBay <i>Using R to understand our users' journey</i>	Jesús Ángel Andrés , Fundación ProFuturo <i>Anomaly Detection in Educational Platform</i>
	Andreas Cardeneo , Allianz Lebensversicherungs-AG <i>The documentation is the code: Reproducible workflows and reliable decision making</i>	Yizhar Toren , Shopify <i>Hard talks: Explaining Bayes to Business (marketing spend use-case)</i>	Richard Marshall , Hiscox <i>Using data to drive better decisions</i>
	Doug Ashton , Mango Solutions <i>Rapid Reproducible R Projects</i>	Julia Fumbarev , BMW Group <i>Process analysis and optimal allocation of parking space with R</i>	Robert Engle , Biogen <i>Transitioning R&D Bio-Clinical by Embracing R</i>
3:00pm – 3:30pm	Afternoon refreshments		
SESSION 4 3:30pm – 5:00pm	Jonas Muench , Bayer Business Services GmbH <i>Leveraging the power of R in a regulated life science environment</i>	Mitchell Stirling , Heathrow Airport Ltd <i>Understanding Airport Baggage Demand through R modelling</i>	James Smythe , Culture of Insight <i>Powering Up Formula One's Market Research with R</i>
	Michael Hurst , HEOR Ltd <i>Machine learning in healthcare: beyond performance</i>	Charlotte Wise , Essence <i>Beyond the average: a bayesian approach for setting media targets</i>	Thomas Laber , Austrian Post <i>serveRless - how to deploy R code in a modern cloud infrastructure</i>
	Duncan Garmondsway , Government Digital Services <i>Get good data out of bad spreadsheets: tidyxl and unpivotr</i>	Gwilym Morrison and Hon Yau , Royal London <i>From Data to Deployment: overcoming the challenges of embedding R models in Production</i>	Ben Travers , Stephens Scown LLP <i>Successfully Preparing your R-Based Product for Investors or Sale: A Legal Perspective.</i>
5:00pm – 6:00pm	Networking Pimms reception - Tower Foyer and Bridges 1 & 2		Sponsored by The RConsortium

7:00pm – 10:30pm	Conference evening reception at the Proud Embankment (buses to the venue provided)
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Thursday 12 September – Conference Day 2

8:00am – 9:00am	Registration and arrival tea and coffee
SESSION 1	
9:00am – 9:45am	Keynote: Tim Paulden, ATASS Sport
9:45am – 10:40am	Lightning talks – ‘Data for good’ David Baker , Toynbee Hall - <i>haRnessing The Open Source Community to Help Local Communities</i> Mohammed Amin Mohammed , The NHS - <i>Promoting the use of R in the NHS - progress and challenges</i> Sandro Matos , Merkle Aquila - <i>Preventing human trafficking through the power of advanced analytics</i> Edward Watkinson , Royal Free London (NHS Foundation Trust) - <i>R in the Hospital - Starting the journey</i> Amit Kohli , ACD/VOCA - <i>R is for Reconciliation: how machine learning is helping Colombia move forward</i>
10:40am – 11:00am	Mid-morning refreshments

	STREAM 1 Tower 1	STREAM 2 Tower 2	STREAM 3 Tower 3
SESSION 2 11:00am – 12:30pm	Ana Henriques , PartnerRe <i>Using R in Production at PartnerRe</i>	Mehrdad Mamaghani , Swedbank <i>Deployment of Deep Anomaly Detection in R</i>	Jeremy Horne , Freelance <i>Building a successful data science team with R at the heart!</i>
	Nassos Stylianou & Clara Guibourg , BBC News <i>How the BBC News data team uses R for graphics</i>	Nicole Radziwill , Intellex Technologies <i>R for Environment, Health, Safety, and Quality (EHSQ)</i>	Leanne Fitzpatrick , Hello Soda <i>All 'bout that test, 'bout that test; Navigating the waters of testing within data and R</i>
	Chris Mainey , Healthcare Evaluation Data (HED) - University Hospitals Birmingham NHS FT <i>Driving R adoption in an NHS information service, barriers and solutions</i>	Abigail Lebrecht , Mumsnet <i>Stopwords personalisation and Text cleaning at Mumsnet</i>	Detlef Nauck , BT <i>Model Factories and Test-Driven Machine Learning</i>
12:30pm – 1:30pm	Lunch		
	Annika Westphal , ORX Association	Kevin Kuo , RStudio	Alexis Iglauer , PartnerRe

	<i>Making R's data visualisation capabilities available to R non-users</i>	<i>Towards open collaboration in insurance analytics</i>	<i>Medical underwriting triage: An end-to-end machine learning case study</i>
	James Laird-Smith , The Financial Times <i>Introducing scheduler: making recurring calendar events a little easier</i>	Elena Furlan , Aviva <i>Using fastText-based embeddings to categorise online search queries</i>	Stephen Gormley , Amgen Ltd. <i>An Enrolment Modelling R Package</i>
	Kieran Martin , Roche Products Limited <i>R in Pharma: A tailored approach to converting programmers to R in an industry resistant to change</i>	Theo Boutaris , Weber Shandwick <i>Deep Milk: The Quest of identifying Milk-Related Instagram Posts using Keras</i>	Sam Hall & Sam Collins , TravelSupermarket <i>R For A Data Driven SEO Workflow</i>
3:00pm - 3:30pm	Afternoon refreshments		
SESSION 4 3:30pm - 5:00pm	Avision Ho , Department for Education <i>Why a Nobel Prize algorithm is not always optimal for business</i>	Sebastian Wolf , Freelancer for Roche <i>RSelenium or shinytest: How to make shiny apps ready for use in a regulated environment</i>	Harold Selman , Ordina <i>Running R in a Spring Boot 2 application using GraalVM at the Dutch National Police</i>
	Andy Nicholls , GSK <i>Making Better Decisions</i>	Kasia Kulma , Mango Solutions <i>Integrating empathy in the Data Science process</i>	Zhanna Mileeva , N Brown Group <i>Model Performance Assessment</i>
	Premal Desai , The Gym Group <i>Flexing analytical muscles - how data science, culture and commercial rigour comes together to drive better Return on</i>	Hasnain Mahmood , London Clearing House (London Stock Exchange Group) <i>Risk Management using Behavioural Analysis in R</i>	Amit Arora , Hughes Network Systems <i>Exploring and predicting network service availability using R</i>
5:00pm - 5:10pm	Conference closing remarks		

Please note: This agenda is correct at time of publication; Mango Business Solutions Ltd reserves the right to make any necessary changes to the agenda. Every effort will be made to keep presentations and speakers as represented.

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