

Agenda.

Tuesday 6 September - Workshops

9:00am - 10:00am Registration: tea and coffee on arrival, Bridge 2

10:00am - 5:00pm Expo room, Bridge Suite

| Room | Tower 1 | Tower 2 | Tower 3 |
|------------------|--|---|--|
| 10:00am - 1:00pm | Workshop 1: Shiny: How to make a game. | Workshop 2: Introduction to Plumber APIs. | Workshop 3: Explainable machine learning. |
| 1:00pm - 2:00pm | Registration | | |
| 2:00pm - 5:00pm | Workshop 1: Shiny: How to make a game. (cont.) | Workshop 4: Functional Programming with purrr. | Workshop 5: Time Series Visualisation in R. |
| 6:00pm - 9:00pm | Welcome and networking drinks for all Conference Delegates | | |

Wednesday 7 September - Conference day 1

8:00am - 9:00am Registration: tea and coffee on arrival

9:00am - 9:10am Welcome - Richard Pugh, Chief Data Scientist, Ascent

9:10am - 9:55am **Keynote:** John Burn-Murdoch, Chief Data Reporter, Financial Times

9:55am - 10:40am **Keynote:** Hannah Fry, Presenter and Professor, University College London

10:40am - 11:00am **Mid-morning refreshments**, Bridge Suite

| | Stream 1 Tower 1 | Stream 2 Tower 2 | Stream 3 Tower 3 |
|---------------------------------------|--|---|---|
| Session 2 11:00am - 12:30pm | Simon Burfoot , Senior Data Scientist, Financial Times, <i>Packages, people, pain.</i> | Mike K Smith , Lead, R Centre of Excellence, Pfizer, <i>Creating a Centre of Excellence for R in a large pharma company.</i> | Johnny Breen , Portfolio Optimisation Lead, Tokio Marine Kiln, <i>Standardising practices for using R in a team.</i> |

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| | James Laird-Smith , Data Scientist, Bank of England, <i>Automating tasks with R.</i> | Christel Swift , Principal Data Scientist, BBC, <i>When AB testing isn't possible, Causal Inference and Propensity Modelling to the rescue!</i> | Jakub Nowicki , Senior Software Engineer, Appsilon, <i>Introducing Rhino: Shiny application framework for enterprise.</i> |
| | Sid Dhuri , Director - Research Science, IGT, <i>Capturing real world feedback in real time to close the loop between Insurance Underwriting and Claims with the help of R & shinyMobile.</i> | Jeremy Horne , Founder & Director, Datacove, & David Lucy , Head of Performance, december19, <i>Does advertising work? How to use R to measure the long-term impact of our marketing investments.</i> | Markus Gesmann , Co-Founder, Insurance Capital Markets Research, <i>Hierarchical compartmental reserving models.</i> |
| 12:30pm - 1:30pm | Lunch , Bridge Suite | | |
| Session 3 1:30pm - 3:00pm | Michelle Diaz , Machine Learning Engineer, BÜCHI, <i>Introducing R-based open source software and web services into traditional company structures.</i> | John Peters , Data Scientist, Blue Cat Technical, <i>Information flow to support decisions and development in professional cycling.</i> | Katie Connor , Senior Healthcare Analyst, Telstra, <i>The Impact of the COVID-19 Pandemic on cancer surgery and cancer mortality.</i> |
| | Savas Hadjipavlou , Director, Justice Episteme Ltd, <i>Helping business picture public data with R.</i> | James Poole , Managing Director, AGILE RISK Advisory, <i>What could we do with the data?</i> | Tom Bowling , Senior Data Scientist, Ascent, BambooHR, <i>what we learned from working with other teams on sensitive data.</i> |
| | Robert Smith , Principal Health Economist, University of Sheffield, Lumanity, Dark Peak Analytics, <i>Automating health economic evaluation with GitHub Actions & Plumber APIs.</i> | Kapil Patel , Senior Data Scientist, Ascent, <i>Collaborate better with Docker.</i> | Ethan Beal , Data Scientist, Mediacom, <i>Deep-learning visual saliency modelling to predict user attention on online display adverts.</i> |
| 3:00pm - 3:30pm | Afternoon refreshments , Bridge Suite | | |
| Session 4 3:30pm - 5:00pm | Arturo Esquerro , Marketing Science Partner, Meta, <i>Causal geographical experimentation in marketing made easy with R.</i> | Thomas Heid , Business Analyst, ASTRUM IT GmbH, <i>Continuous profiling for less resource consumption of your solutions.</i> | Georgios Schinas , AI/ML Specialist Solutions Architect, Amazon Web Services, <i>From RStudio to production-scale & MLOps on the Cloud. Doing ML the modern way.</i> |

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| | Melissa Salazar , Data Scientist, Moulton Niguel Water District, <i>Women in the Wate'R' Industry.</i> | Marcin Dubel , Senior Software Engineer, Appsilon, <i>Setting production R project environment.</i> | Amit Kohli , Freelance Data Scientist, <i>Knowledge graphs but, like, for everything.</i> |
| | Ben Cooper , Senior Data Officer, Dogs Trust, <i>Unsupervised clustering of canine behavioural responses to fireworks: A tool for assessing and validating animal welfare.</i> | Luke Shaw , Senior Data Analyst, Samaritans, <i>There when needed: using RMarkdown to help Samaritans branches be there all day, every day.</i> | Anastasiia Kostiv , Data Management Specialist, Databrew, <i>Developing a mobile application for Data Science with R plumber API and React Native.</i> |
| 5:00pm - 6:00pm | Networking Pimms reception at the Tower Hotel | | |
| 7:00pm - 10:30pm | Conference evening reception at the Drapers' Hall | | |

Thursday 8 September - Conference day 2

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| 8:00am - 9:00am | Registration: tea and coffee on arrival |
| 9:00am - 9:50am | Keynote: Harry Powell, Head of Industry Solutions, TigerGraph |
| 9:50am - 10:40am | Keynote: Sophie Gray, Director of Data & AI Customer Success, Microsoft |
| 10:40am - 11:00am | Mid-morning refreshments , Bridge Suite |

| | Stream 1 Tower 1 | Stream 2 Tower 2 | Stream 3 Tower 3 |
|---------------------------------------|---|---|--|
| Session 2 11:00am - 12:30pm | Matt Dray , Analyst, Civil Service, <i>Create reproducible and accessible spreadsheets with {a11ytables}.</i> | Dr Paul Poncet , Head of Data Science, Darwin platform for Renewable Energies, Engie, <i>Developing algorithms and packages with R for renewable energy applications.</i> | Eugen Kopplin & Daniel Hafner , Team Lead Data Analytics & Data Engineer, HolidayCheck AG, <i>Scaled Business Intelligence and Analytics.</i> |
| | Adam Clark , Lead Data Scientist, Holland and Barrett, <i>The Turmeric Chronicles: H&B's top seller from the warehouse into our homes using R and SparkR.</i> | | Mikkel Haugaard , Senior Quantitative Risk Analyst, Global Evolution, <i>Risk and Performance Modelling for Frontier and Emerging Market Asset Management with application in.</i> |

Michael Yeomans, Assistant Professor, Imperial College London, & **Ariella Kristal**, Doctoral Student in Organisational Behavior at Harvard Business School,
Building an R package to combat gender bias in the British Civil Service.

Dr Razia Ghani, Head Teacher, Green Oak Academy,
R-Girls school network: our first year.

Virginia Dall'O' & Jennifer Connolly, Senior Analyst & Senior Consultant, Edge Health,
System-Wide Cancer Pathway Management – a tool to monitor and risk-assess PTLs.

12:30pm - 1:30pm

Lunch, Bridge Suite

Session 3

1:30pm - 3:00pm

Chris Beeley, Senior Data Scientist, Nottinghamshire Healthcare NHS Trust,
NHS-R community: Supporting users and publishing open source in UK health and social care.

Kirsten McMillan, Data Manager, Dogs Trust,
Efficient R: Dealing with huge data.

Chantelle Whelan & Sandro Matos, Senior Analytical Consultant & Analytics Director, Merkle,
Using machine learning to prevent human trafficking.

Mohammed Mohammed, Professor, NHS,
The NHS-R Community - A love story.

Doug Thompson, Data Science Associate Director, GSK,
Predicting patient recruitment when the world stops.

Jack Talboys, Data Scientist, Ascent,
The business impact of migrating to open source - a Premier Inc. use case.

Annie Yu, Epidemiological Programmer, Hertfordshire County Council,
(R)esponding to COVID in Hertfordshire with R.

Duncan Stoddard, Data Scientist, Bite Radius,
Measuring subscriber lifetime value in R using survival analysis.

Emma Vestesson, Senior Data Analyst, R-Ladies London,
The power of community - being a part of R-Ladies.

3:00pm - 4:00pm

Afternoon refreshments & R vs Python discussion, Bridge Suite

4:00pm - 4:15pm

Conference closing remarks

Please note:

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