

## Visualization for data science and AI

Friday 13 September 2019, morning session

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### Agenda

The British Library  
96 Euston Road  
NW1 2DB, UK

The Alan Turing Institute is located on the first floor of the British Library (right hand side) and can be accessed via the main doors from 09:30 onwards. Please allow 15 minutes for queuing when planning your journey.

09:45 – 10:15            Registration for morning sessions

10:15 – 13:00            **Training workshop: Interactive visualization training using Tableau**

This 2-hour workshop will teach you how to exploit the power of visualization tools in data science, using the industry-leading Tableau Desktop software. The workshop is hands-on, so you must bring a computer with [Tableau Desktop](#) installed and we will assume that you have already completed the [Get Started tutorial](#).

It is delivered jointly by [Roy Ruddle](#) and staff from Tableau. The workshop is divided into:

- Advanced functionality
- Data science challenges

[Free student](#) and [academic teaching/research licences](#) are also available.

13:00 – 13:30            Lunch

## Visualization for data science and AI

Friday 13 September 2019, afternoon session

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### Agenda

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| 13:00 – 13:30 | Registration for afternoon sessions and light lunch   |
| 13:30 – 13:35 | <b>Welcome and introduction</b> – Oliver Davis (The Alan Turing Institute and University of Bristol)  |
| 13:35 – 14:00 | <b>Automating 3D data visualization: Scale and uncertainty</b> – Nick Holliman (The Alan Turing Institute and Newcastle University)         |
| 14:00 – 14:15 | <b>The influence of data science and AI on visualisation perception</b> – Daniel Archambault (Swansea University)                           |
| 14:15 – 14:30 | <b>To see what isn't there: Visualization of missing data</b> – Sara Fernstad (Newcastle University)  |
| 14:30 – 14:45 | <b>Topological analysis of data</b> – Hamish Carr (University of Leeds)   |
| 14:45 – 15:05 | Refreshment break   |
| 15:05 – 15:30 | <b>Visualizing data profiles and analysis pipelines</b> – Roy Ruddle (The Alan Turing Institute and University of Leeds)                    |
| 15:30 – 15:45 | <b>Visual analytics for user behaviour analysis in cyber systems</b> – Cagatay Turkey (City University London)                              |
| 15:45 – 16:00 | <b>The Edinburgh Vis*hub: Data visualization</b> – Benjamin Bach (University of Edinburgh)  |
| 16:00 – 16:15 | <b>Quill: A framework for modelling negotiated texts</b> – Alfie Abdul-Rahman (Kings College London)  |
| 16:15 – 16:20 | Break   |
| 16:20 – 17:20 | <b>Creating and effectively using visualization techniques in real-world applications</b> – Jörn Kohlhammer (Fraunhofer IGD & TU Darmstadt) |
| 17:20 – 17:30 | Closing remarks   |
| 17:30 – 18:30 | <b>Drinks reception and poster presentations</b>  |