

WARWICK AND THE ALAN TURING INSTITUTE

October 2020

The Warwick University logo, featuring a stylized 'W' shape above the word 'WARWICK' in a sans-serif font.

WARWICK

Warwick and the Alan Turing Institute

- Warwick is one of the founding university partners of the Institute established in 2015
- 40+ Warwick academics are now Turing Fellows
 - Fellows are from multiple academic departments: Computer science, Mathematics, Statistics, WMS, WBS, WMG, Engineering, Psychology and the Centre for Interdisciplinary Methodologies
- Turing Research Fellows and PhD students have been funded in partnership by the University and the Institute

**The
Alan Turing
Institute**



Working across Turing Research Programme

WARWICK

Data Centric Engineering



- Dr Filip Rindler - Estimating system health from streaming sensor data
- Dr Sebastian Vollmer - Reliability computation
- Dr Maria Liakata - Combining heterogeneous smartphone data to sense well-being
- Dr Theo Damoulas - Clean air in London

Defence & Security



- Dr Weisi Guo - Global urban analytics for resilient defence
- Dr Adria Gascon - Evaluating homomorphic encryption



Data science at scale



- Professor Rajpoot – Cancer pre-diagnostic analytics with AI (sponsorship of PhD project)

Economic data science



- Programme started recently we would see this aligning to our economics and Business School departments

Turing Opportunities

- Daphne Jackson fellowship for researchers returning after a career break
- New call due soon for Research Fellowships for senior post-doctoral researchers (similar to RS URF and other schemes)
- PhD enrichment scheme allows PhD students to spend 6 or 9 months at the institute in London. Next round will open at the end of the year.
- HDR UK/Turing Wellcome PhD Programme in Health Data Science four-year studentships, applications due Dec 1st 2020
- **Data Science for the Social Good** took place (virtually) in summer 2020. 9 early career participants problems from Ofsted and the World Bank.
- **Data Study Groups** are 1 week deep dives into applied problems from real organizations (several in health) open to students, postdocs and academics.

Finding Opportunities

- New opportunities with Turing are circulated by RIS, and posted to the Warwick Data Science Institute forum at <http://www2.warwick.ac.uk/fac/sci/wdsi/intranet/forum>
- Several current/recent opportunities for involvement in various Turing projects, e.g., with Gates Foundation
- Interest groups on a variety of topics across Data Science and Artificial Intelligence are open for any to join, see Turing website
- The Turing Institute produces a regular mailing listing of events and opportunities, subscribe through their website