

AI and data science in the age of COVID-19 - Workshop nominees

In its role as national centre for data science and AI, The Alan Turing Institute is organizing a public conference and a series of follow-on events to assess the response of the UK's data science and AI communities to COVID-19, with the aim of quickly publishing a preliminary report outlining lessons learnt and recommendations for future research. The public conference will take place on 24 November 2020 and will include presentations from members of the community who found themselves on the front line during the pandemic. Breakout workshop sessions for contributors to the report will begin on 25 November 2020. We are planning to conduct four breakout sessions over a two-week period from 25 November; dates for these will be announced in October. Idea gathering and organising will begin in early October and will be conducted over email. We are looking for data scientists, medical professionals, social scientists and front-line academics who have been involved in various aspects of the data science/AI response, who can share their experience and expertise as part of a group and contribute towards a paper that we hope will help inform policy and future responses to similar events. If you do not fall into one of the above categories but believe you have relevant skills and experience, your application may still be considered. The paper will be split into several themes so we are looking for a range of skills and backgrounds. Within those skill-sets, we are also seeking group leads, who will be responsible for reporting back from the group, summarising discussion and final overview of the chapter they have been working on. Group leads will be named as lead authors on the paper. We encourage applications from those from all backgrounds, genders, ethnicities and abilities, particularly those who are currently most underrepresented in the field. The Alan Turing Institute is committed to increasing the representation of female, black and minority ethnic, LGBTQ+, disabled and neurodiverse researchers in data science. Personal information and protected characteristics (questions 1-8) will not be shared with the advisory panel but may be used for positive action to make a decision where two candidates display equal competence. We will also use this information to ensure reasonable adjustments are arranged in order to aid participation. Application deadline: 10 am, Monday 12 October Successful applicants will be contacted by Monday 26 October.

Required

1. Who nominated you for this workshop?

2. Which Turing Programme are you affiliated with?

- ☐ None
- ☐ AI
- ☐ Data science at scale
- ☐ Data science for science
- ☐ Data-centric engineering
- ☐ Defense and security
- ☐ Finance and economy

- ☐ Health and medical sciences
- ☐ Public policy
- ☐ Tools, practices and systems
- ☐ Urban analytics



3.First name

4.Surname

5.Email address

6.Organisation

7.Job title

8.Which gender do you identify with? This question is optional

9.What is your ethnicity? This question is optional

10.Do you have a disability? Please give details and suggest adjustments to aid your participation. This question is optional

11.Which of the following best describes your main area of expertise (you can choose up to 3)

- ☐ Pathogenesis
- ☐ Vaccine development
- ☐ Statistical analysis of clinical trials
- ☐ Transmission modelling and interventions
- ☐ Data gathering, flows and protection
- ☐ Ethics
- ☐ Economics
- ☐ Monitoring
- ☐ Tracking mutations and virus evolution
- ☐ Modelling and prediction
- ☐ Contact tracing
- ☐ Testing
- ☐ Behavioural analysis

- ☐ Policy
- ☐ Virology
- ☐ Epidemiology
- ☐ Engagement skills
- ☐

12. Which of the following best describes your secondary area of expertise (you can choose up to 3)

- ☐ Pathogenesis
- ☐ Vaccine development
- ☐ Statistical analysis of clinical trials
- ☐ Transmission modelling and interventions
- ☐ Data gathering, flows and protection
- ☐ Ethics
- ☐ Economics
- ☐ Monitoring
- ☐ Tracking mutations and virus evolution
- ☐ Modelling and prediction
- ☐ Contact tracing
- ☐ Testing
- ☐ Behavioural analysis
- ☐ Policy
- ☐ Virology
- ☐ Epidemiology
- ☐ Engagement skills
- ☐

13. What is your professional experience with COVID-19? Please describe your role, how long you have been/were involved for and any other relevant information. (200 words max)

14. Why are you applying to take part in this workshop? Please describe what personal qualities you believe you could bring to the project, and what you hope to get out of it yourself. (200 words max)

A rectangular text input field with a light gray border. It contains no text. On the right side, there are three small square buttons stacked vertically, with the top and bottom ones having upward and downward arrows respectively. On the bottom left, there are two small square buttons, the left one with a leftward arrow and the right one with a rightward arrow.

15. Please provide links to any projects, articles, websites or any other media that are relevant to this project as examples of your work and experience in this field.

A rectangular text input field with a light gray border. It contains no text. On the right side, there are three small square buttons stacked vertically, with the top and bottom ones having upward and downward arrows respectively. On the bottom left, there are two small square buttons, the left one with a leftward arrow and the right one with a rightward arrow.

16. Are you applying for a Group Lead role? Group leads will be responsible for reporting back from the group, summarising discussion and final overview of the chapter they have been working on. Group leads will be named as lead authors on the paper.

- ☐ Yes
- ☐ No