

THE CAMBRIDGE STATISTICS DISCUSSION GROUP

Monday 3rd March 2025 7:15 for 7:45

The Lightfoot Room
Divinity School
St John's College
St John's Street, Cambridge CB2 1TP

Alan Turing and the Enigma Machine

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Institute of Continuing Education

Abstract: Alan Turing is best remembered as one of the leading code breakers of Bletchley Park during World War II. It was Turing's brilliant insights and mathematical mind that helped to break Enigma, the apparently unbreakable code used by the German military. We present a history of both Alan Turing and the Enigma machine, leading to this triumph of mathematical ingenuity.

Speaker: Dr James Grime is a mathematician and speaker. James can be often found touring the world, talking about codes and code breaking. You will also often see James presenting curious mathematical facts on the YouTube channel, numberphile.

Directions: The Divinity School is the old building opposite St John's College on St John's Street. Go down the alley situated on the opposite side of St John's Street to St John's Great Gate. A map is on the reverse. The Lightfoot Room is entered via the first door on your left. The nearest car park is at Park Street. Arrivals after 7-45pm may gain admittance by contacting the secretary on 07761769436.

Provisional Next Meetings:

10th April – Roger Sewell on 'Predicting recurrence of prostate cancer: a Bayesian approach'.

7th October - Florian Markowetz (Cancer Research UK Cambridge Institute) on

'All models are wrong and yours are useless: making clinical prediction models impactful for patients'.

3rd November – Sam Gilbert (Bennett Institute of Public Policy) on 'Benefits of data openness in a digital world'.

26th November – Riikka Hofmann (Faculty of Education) on '100 years of educational trials – no significant difference?'

3rd February 2026 – Nick Galwey (GlaxoSmithKline) on 'Connecting the False Discovery Rate to shrunk estimates'.

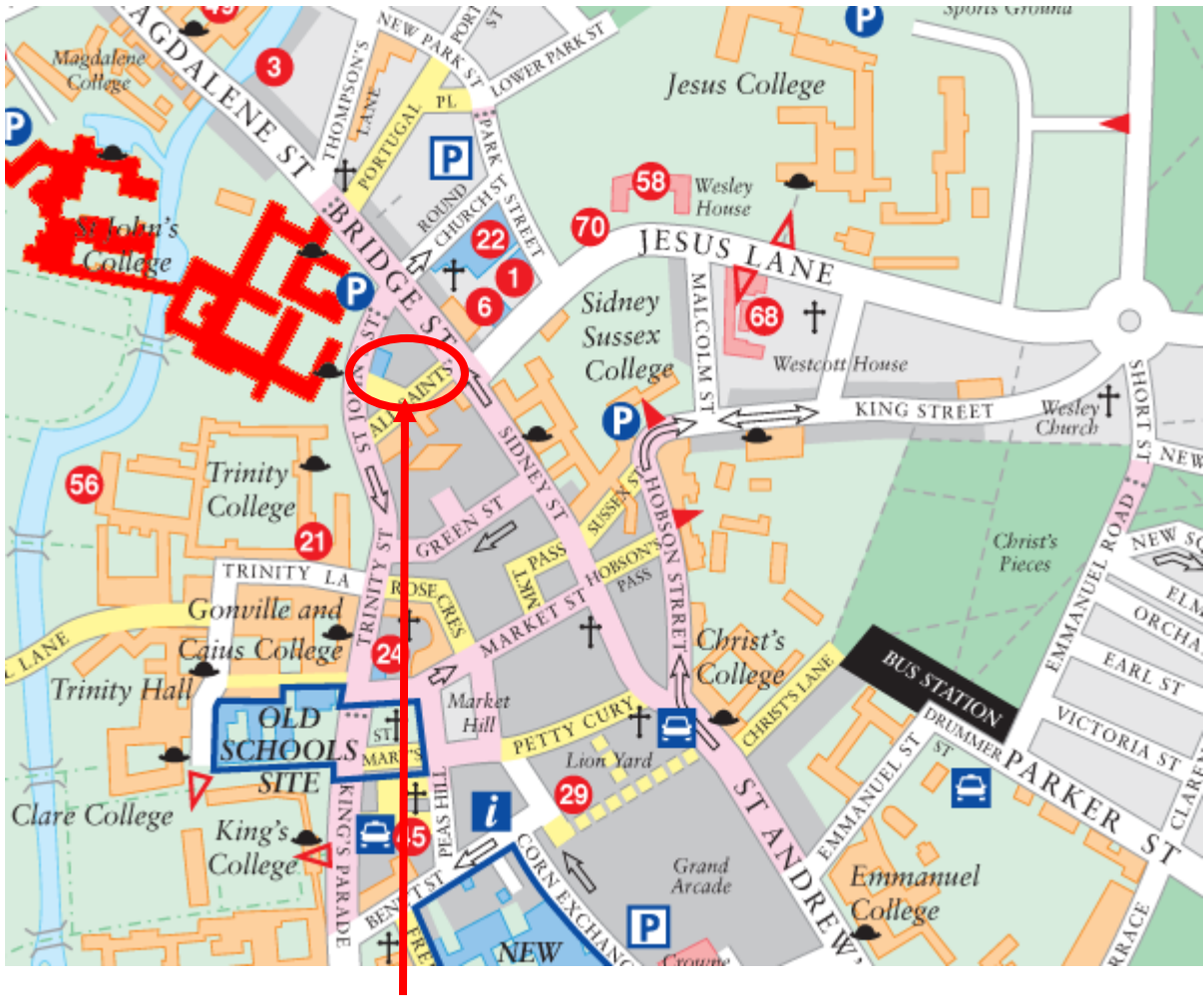
March – Mihaela van der Schaar (Cambridge Centre for AI in Medicine) on 'Revolutionising healthcare: AI-driven breakthroughs in medicine and healthcare delivery'.

Supper: Some members eat regularly in Wetherspoons (St Andrew's Street) before each meeting at **5-15pm**. Feel free to join them.

Subscriptions: of 1 pound are now due for attending the 2024-2025 session.

Secretary: Peter Watson, MRC Cognition and Brain Sciences Unit, 15 Chaucer Road, Cambridge CB2 7EF;
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Slides and .mp3 files of old talks: <http://www.mrc-cbu.cam.ac.uk/people/peter.watson/csdg.html>



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