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# Alternative Natural Philosophy Association

[www.anpa.live](http://www.anpa.live)

## ANPA 2025 Programme

(v1.25)

### ANPA 46, 11-15th August, 2025

Quakers Meeting House, 43 St Giles, Oxford, OX1 3LW &  
Department of Materials, University of Oxford, 21 Banbury Rd, Oxford (Tues only)

#### Monday 11<sup>th</sup> August (Starts 09:55)

##### Opening + General Presentations

- 09:55 – 10:00: **Welcome** – Barbara Gabrys
- 10:00 – 11:00: *Art Collings – The QF Calculus: A 16-Valued Quaternion-Based Spencer-Brownian System*
- 11:00 – 12:00: *Henrik Kjeldsen – Can we test if quantum tunnelling effects provide a retrocausal computing resource?*
- 12:00 – 13:00 **Lunch**
- 13:00 – 14:00: *Georg Wikman – Beginnings of an abstract theory...*
- 14:00 – 15:00: *Luke Leighton – Implications of creating a definition of consciousness (Zoom)*
- 15:00 – 15:30: *Andrew Compton – Holes in Reality*
- 15:30 – 16:00: **Break**
- 16:00 – 17:00: *John Torday – Diagonalization Reveals the Holism... (Zoom)*
- 17:00 – 18:00: *Declain Thomas – The Genetic Code Model of Bitcoin*

#### Tuesday 12<sup>th</sup> August (AI & Consciousness Day @ 21 Banbury Road)

- 10:00 – 11:00: *Alex Hankey – The Origins of Qualia*
- 11:00 – 12:00: *Yige Sun – Unlocking Battery Innovation: The Synergy of Microscopy and AI in Exploration and Analysis*
- 12:00 – 13:00: **Lunch**
- 13:15 – 14:00: *Barbara Gabrys – The Nature of Things*
- 14:00 – 15:00: *Nick Rossiter – AI & Category Theory*
- 15:00 – 15:30: **Break**
- 15:30 – 16:30: *Joachim Faust – AI and Language (Zoom)*
- 16:30 – 17:30: *Roger Anderton – AI and Relativity*

### Wednesday 13<sup>th</sup> August (Short Day + Boat Trip)

- 10:00 – 11:00: *Louis H Kauffman and Angel Kim - Geometry of Conversation*
  - 11:00 – 12:00: *Peter Rowlands – How the Standard Model emerges...*
  - 12:00 – 12:30: **Break**
  - 12:30 – 13:30: *Scott Olsen – The Quest to Uncover the Golden Balance*
  - 13:30 – 14:30: **Lunch & Transfer to Quay (Boat Departs 14:30).**
  - 14:30 – 17:00: **Boat Trip** – *Barbara Gabrys – The Nature of Things*
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### Thursday 14<sup>th</sup> August (Cosmology Day)

- 10:00 – 11:00: *Garnet Ord – A Particle Model for Maxwell's Equations...*
  - 11:00 – 12:00: *Jude Currivan – A Radical Guide to Reality*
  - 12:00 – 13:00: **Lunch**
  - 13:00 – 14:00: *Mike Horner – Modelling and Simulating the Future (Zoom)*
  - 14:00 – 15:00: *Alex Gegov – The Future of AI - From Learning to Reasoning (Zoom)*
  - 15:00 – 15:30: **Break**
  - 15:30 – 16:30: *Jocelyn Bell-Burnell – You are made of star stuff*
  - 16:30 – 17:30: **AGM**
  - 18:00 onward: **Conference Dinner at a local hostelry**
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### Friday 15<sup>th</sup> August (Final Day)

- 10:00 – 11:00: *Lou Kauffman – Feynman Checkerboard*
- 11:00 – 12:00: *Nicola Graves-Gregory – In-between-ness*
- 12:00 – 12:30: **Break**
- 12:30 – 13:30: *Grenville Croll – Primes, Periodicity & Primality*
- 13:30 – 14:00: **Lunch**
- 14:00 – 15:00: *Alasdair Beal – Special Relativity and Time Dilation...*
- 15:00 – 16:00: *Doug Matzke – Dirac Spinors in GALG and Existons: the discrete unit of consciousness (Zoom)*
- 16:00 **Conference closes**

Programme is subject to change at short notice. Please advise [grenvillecroll@gmail.com](mailto:grenvillecroll@gmail.com) of requests for change.