

BAA Winchester Weekend

2025 April 11-13

Friday April 11

15.00 – 18.00 Reception – book in at Hampshire Rural Business Centre

19.00 Dinner

20.15 Welcome and Introduction

Alan Dowdell

20.30 Mercury and the BepiColombo mission

David Rothery (Professor of Planetary Geosciences at the Open University)

21.30 Observing if clear or visit the bar

Saturday April 12

07.30 – 09.00 Breakfast

09.15 The Chemistry of the Universe

Mike Edmunds (Emeritus Professor of Astrophysics at Cardiff University)

10.00 The Antikythera Mechanism: Nearly Impossible ?

Tony Freeth (Honorary Professor, Antikythera Research Team at University College London)

10.45 Coffee/Tea break

11.15 Exploring the End of the Dark Ages

Stephen Wilkins (Professor in Astronomy and Public Understanding of Science, University of Sussex)

12.00 Jupiter and its Turbulent, Fascinating Atmosphere

Patrick Irwin (Professor of Atmospheric, Oceanic and Planetary Physics at Oxford University)

12.45 Break

13.00 Lunch

14.15 Jupiter Section meeting - Introduction

Organiser: John Rogers (Director – BAA Jupiter Section)

14.20 Jupiter & Juno in 2024-25

John Rogers

14.55 Capturing Clouds

Martin Lewis

15.20 JUPOS analysis of Jupiter images

Rob Bullen

15.40 Tea break

16.05 Io's volcanoes

David Rothery (Professor of Planetary Geosciences at the Open University)

16.30 Imaging Io's sodium cloud

Chris Hooker

16.55 Europa's Ocean and prospects for life

Alvaro del Moral (Post-Doctoral Research Associate at the Open University)

- 17.20 Fifty years of looking at Jupiter**
Mike Foulkes
- 17.35 Closing discussion**
- 17.40 End of Jupiter Section Meeting**
- 18.00 Dinner
- 19.30 *The Alfred Curtis Lecture***
We are made of star stuff
Jocelyn Bell Burnell (Professor of Astrophysics at Oxford University)
- 21.00 Observing if clear or visit the bar

Sunday April 13

- 07.30 – 09.00 Breakfast
- 09.15 Astronomy with a Smart Scope**
Steve Knight
- 10.00 How the worlds will end**
Boris Gänsicke (Professor of Physics at the University of Warwick)
- 10.45 Coffee/Tea break
- 11.30 Seeing Total Solar Eclipses from Space**
Lucie Green (Professor of Physics, Dept of Space & Climate Physics at University College London)
- 12.30 Break
- 13.00 Lunch
- 14.15 Members' session**
Your opportunity to talk briefly about what you've been doing during the past year
- 16.00 Coffee/Tea and Goodbyes