**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

**14.15Jupiter 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*

*Speak to Tony Hersh if you would like a slot !*

16.00 Coffee/Tea and Goodbyes

**LOOK FORWARD TO SEEING YOU AT NEXT YEARS BAA WEEKEND AT**

 **SPARSHOLT COLLEGE ON 10th TO 12th APRIL 2026 !**