

**LAS - Previous Formal Meetings**

Year	Month	Title	Speaker	Organisation
2009	Jan	AGM		
2009	Feb	Cauldron in the Cosmos	Dr David Jenkins	University of York
2009	Feb	International Year of Astronomy Special: Build Your Own Horizon Declinometer with a Few fence Posts and Solve the Mystery of the Megalithic Yard	Dr Bob Lomas	University of Bradford
2009	Mar	The LHC at CERN: A Peek Through the World's Most Powerful Microscope	Dr Joe Foster	University of Manchester
2009	Apr	The AMASE Project	Dr Liane Benning	University of Leeds
2009	Apr	DSLR Imaging Workshop	Gain Lee	
2009	May	Gravitational Lensing	Dr Meghan Gray	University of Nottingham
2009	May	International Year of Astronomy Special: Pre-telescopic astronomy	Martin Lunn, MBE	
2009	Jun	My short career as a radio astronomer	Rod Hine	Bradford AS
2009	Jun	International Year of Astronomy Special: Looking at Comets through Wooden Telescopes -Dendrochronology and the Frightening Physics of Cometary Impacts	Dr Bob Lomas	University of Bradford
2009	Jul	Light Pollution from an Astronomical Point of View	Dr Jurgen Schmoll	University of Durham
2009	Jul	International Year of Astronomy Special: Apollo - A Moon Odyssey	Andrew Lound	The Planetary Society
2009	Aug	Who was James Clerk Maxwell?	John Singleton	Hebden Bridge AS
2009	Sep	John Harrison's Clocks	Don Metcalfe	
2009	Oct	Eta Carina	Dr Julian Pittard	University of Leeds
2009	Nov	Optical Searches for Extraterrestrial Intelligence	Dr Joachim Rose	University of Leeds
2009	Dec	President's Evening		
2010	Jan	AGM		
2010	Feb	Supermassive Black Holes and the Growth of Galaxies	Dr Ryan Hickox	Harvard / Durham
2010	Mar	Panspermia: Science Fiction or Science Fact?	Dr Terence Kee	Leeds
2010	Apr	Black Holes at the LHC	Prof. Elizabeth Winstanley	Sheffield
2010	May	Cosmic Bodies with Magnetic Personalities	Rod Hine	Bradford AS
2010	Jun	Double Stars	Dr John McCue	
2010	Jul	Recent Developments in Digital Imaging	David Ratledge	Lancashire
2010	Aug	Variable Stars: How and Why They Vary	Gary Poyner	BAA variable star section
2010	Sep	Richard Norwood: The Surveyor Who Changed the World	Dr Richard Keesing	York
2010	Oct	Exploring the Radio Universe from Jodrell Bank	Dr Tim O'Brien	Jodrell Bank
2010	Nov	Meteorites, Stardust, and the Early Solar System	Dr Jamie Gilmour	Manchester
2010	Dec	President's Evening		
2011	Jan	AGM		
2011	Feb	Impactors, Volcanism and Extinctions of Life	Prof. Paul Wignall	University of Leeds
2011	Mar	Non-standard astronomical theories	Dr Mark Newbrook	
2011	Apr	Apollo 15 - The Wonder of the Unknown at Hadley Apennine	Peter Rea	

**LAS - Previous Formal Meetings**

Year	Month	Title	Speaker	Organisation
2011	May	How I wonder what you are - the birth, life and death of stars	Dr Paul Ruffle	Jodrell / Manchester University
2011	Jun	Greek Astronomy, Ptolemy, & the Leeds Almagest	Prof. Malcolm Heath	University of Leeds
2011	Jul	Lunar Observations for Amateurs	Prof. Bill Leatherbarrow	BAA
2011	Aug	Modern Alchemy – Exploding Stars in the Lab	Dr Alison Laird	University of York
2011	Sep	Why are the Planets so Different	Kevin Read	West Yorkshire AS
2011	Oct	Activity in the Solar Corona / The Solar Corona	Dr Philippa Browning	Jodrell / Manchester University
2011	Nov	Comets - Signposts in History	Andrew Lound	
2011	Dec	President's Evening		
2012	Jan	AGM		
2012	Feb	Star and planet formation	Prof. Tom Hartquist	University of Leeds
2012	Mar	Black holes, quasars and galaxy formation	Prof. Clive Tadhunter	Sheffield University
2012	Apr	The next generation of optical instruments	Dr Jeremy Allington-Smith	Durham University
2012	May	How galaxies form and the relationship between gas and galaxies	Prof. Simon Morris	Durham University
2012	Jun	Astronomical image processing	Brian Joynes	Doncaster AS
2012	Jul	Planetary nebulae, AGB stars and their effects on the interstellar medium	Dr Chris Wareing	Jodrell / Manchester University
2012	Aug	No Meeting		
2012	Sep	The puzzle of ultra-high energy cosmic rays and the Pierre Auger Observatory	Dr Johannes Knapp	University of Leeds
2012	Oct	Imaging and images (CANCELLED)	Gain Lee	Huddersfield AS
2012	Nov	Restoration of a 3 in 1 telescope	Martin Dawson	York AS
2012	Dec	President's Evening		
2013	Jan	AGM		
2013	Feb	The battle for galaxies	Rod Hine	Bradford AS
2013	Mar	Astronomy in flatland – 2 dimensional universe	Dr. Colin Steele	Manchester University
2013	Apr	Astrophotography without ridiculously expensive equipment	Dr. Steve Barratt	Liverpool University
2013	May	The plumes of Enceladus	Dr. Chris Arridge	University College London
2013	Jun	TBA (stellar evolution, star formation etc.)	Dr. Rene Oudmaijer	University of Leeds
2013	Jul	Infra-red astronomy from space (provisional title)	Dr. Eric Dunford	Space scientist, RAS
2013	Aug	No Meeting		
2013	Sep	Hide and Go Seek: Possible Places for Life in the Universe	Andy Pon	University of Leeds
2013	Oct	Images of the universe 2	Paul Money	
2013	Nov	Dark energy	Dr. Phill James	Liverpool John Moores University
2013	Dec	President's Evening		
2014	Jan	AGM		
2014	Feb	Pioneering the voyage to new horizons	Chris Suddick	
2014	Mar	Viking astronomy	Martin Lunn	
2014	Apr	From cracked mirror to Nobel prize, the story of the Isaac Newton telescope	Lee McDonald	

**LAS - Previous Formal Meetings**

Year	Month	Title	Speaker	Organisation
2014	May	Imaging from northern England	David Routledge	
2014	Jun	Manchester's first rocket man	Kevin Kilburn	
2014	Jul	To see the beginning of time	Andy Lound	
2014	Aug	No Meeting		
2014	Sep	The Yorkie downunder	Martin Whipp	
2014	Oct	Optical quality and a comparison of telescope systems	John Timmins	FRAS
2014	Nov	Gamma-ray bursts, big bangs and big surprises	Prof. Nial Tanvir	Leicester
2014	Dec	President's Evening		
2015	Jan	AGM		
2015	Feb	Geological history of the moon from sample analysis	Dr. Katherine Joy	M/C
2015	Mar	Circumstellar discs and planet formation	Dr. Claire Davies	Dundee
2015	Apr	Gravitational lensing	James Nightingale	Nottingham PhD
2015	May	Massive stars or star forming galaxies. title TBC.	Prof. Paul Crowther	Sheffield
2015	Jun	Supernovae	Professor Sam Falle	Leeds
2015	Jul	The light speed barrier	Dr. Mike Evans	Leeds
2015	Aug	No Meeting		
2015	Sep	Diving for WIMPS - neutrino astrophysics and the ANTARES project	Dr. Lee Thompson	Sheffield
2015	Oct	Is there life out there?	Dr John Baruch	University of Bradford
2015	Nov	Beyond the Messiers; A Look At Galaxy Superclusters	Gain Lee	Huddersfield AS
2015	Dec	President's Evening		
2016	Jan	AGM		
2016	Feb	Asteroids, Armageddon or Eldorado?	Dr. Michael Martin-Smith	HERAS
2016	Mar	Shining a light on black holes	Prof. Andreas Frieze	Birmingham
2016	Apr	William Gascoigne of Leeds and the Renaissance of Astronomy	David Sellers	LAS
2016	May	Forecasting the impacts of space weather	Gareth Powell	Exeter Met. Office
2016	Jun	Unravelling massive star birth with ALMA	Dr. Katherine Johnston	Leeds
2016	Jul	New horizons, Pluto and beyond	Tim Old	HERAS
2016	Aug	No Meeting		
2016	Sep	Gravity Waves from Newton to LIGO and beyond (with some demonstrations)	Rod Hine	Bradford AS
2016	Oct	Chelyabinsk meteor	Dr. Ken Amor	Oxford
2016	Nov	Relativistic jets	Prof. Sam Falle	Leeds
2016	Dec	President's Evening		
2017	Jan	AGM		
2017	Feb	How old is the Universe and is there still a future for Time?	David Leyshon	LAS President
2017	Mar	What is Life - and would we know it if we saw it?	Dr. Terry Kee	University of Leeds
2017	Apr	Monster Magnets, Stellar Birth Control	Dr. Sven Loo	University of Leeds

LAS - Previous Formal Meetings				
Year	Month	Title	Speaker	Organisation
2017	May	Magnetospheric and Auroral Dynamics in the Solar System	Dr. Sarah Badman	University of Lancaster
2017	Jun	Lunatic Astronomy	Andy Lound	
2017	Jul	The Climatic Role of the Sun as a Variable Star	Prof. Edward Hanna	Sheffield University
2017	Aug	No Meeting		
2017	Sep	Triumphs of Voyager (Part 1) - Journey to Jupiter, Splendours of Saturn	Paul Money	
2017	Oct	The Middlesbrough Meteorite	Martin Lunn	
2017	Nov	Extreme Life	Dr. Lorna Dougan	University of Leeds
2017	Dec	President's Evening		
2018	Jan	AGM		
2018	Feb	The Middlesbrough Meteorite (DUPLICATE - See Oct 2017)	Martin Lunn	
2018	Mar	New models give insight into the heart of the Rosette Nebula	Dr Chris Wareing	University of Leeds
2018	Apr	Arlington Cemetery and the Smithsonian Air & Space Museum	Martin Dawson	York AS
2018	May	Recent ideas on vulcanism on the early moon	Professor Lionel Wilson	
2018	Jun	Meteors	Dr Colin Steele	Manchester
2018	Jul	Formal meeting cancelled due to World Cup semi-final clash!		
2018	Aug	No Meeting		
2018	Sep	William Lassell 1799 – 1880, Telescopes, Planets, and Drinking Beer	Gerard Gilligan	Liverpool AS
2018	Oct	Venus	Roy Gunson	Mexborough and Swinton AS
2018	Nov	Into the cosmic Ocean' - the story of spaceflight	Andrew Lound	
2018	Dec	President's Evening		
2019	Jan	AGM		
2019	Feb	How big is Space	Neil Haggath	astrophysicist, educator and writer
2019	Mar	Star formation	Dr. Sam Falle	University of Leeds
2019	Apr	Wonders of the Universe	Prof. Brad Gibson	Hull University Astrophysics Department
2019	May	Geology of the Solar System	Kevin Read	West Yorkshire AS
2019	Jun	Kennedy Space Centre & Cape Canaveral	Martin Dawson	York AS
2019	Jul	Astrobiology - a new kid on the block	Prof. Sohan Jheeta	
2019	Aug	No Meeting		
2019	Sep	One Small Step: A Celebration of Apollo	Neil Haggath	astrophysicist, educator and writer
2019	Oct	Planetary atmospheres	Dr. Daniel Grosvenor	Earth Sciences, University of Leeds
2019	Nov	The TESS mission and its findings	Tom Shutt	University of York
2019	Dec	President's Evening		
2020	Jan	AGM		
2020	Feb	My favourite (radio) dishes	Rod Hines	Bradford AS
2020	Mar	The Promise of Gravitational Waves	Dr. Sue Bowler	University of Leeds
2020	Apr	The universe in your mind's eye (CANCELLED)	John Waterhouse	Bradford AS

**LAS - Previous Formal Meetings**

Year	Month	Title	Speaker	Organisation
2020	May	3D Astro-imaging (CANCELLED)	Anthony Jennings	Manchester AS
2020	Jun	TBA (CANCELLED)		
2020	Jul	Fiametta Wilson	Bill Barton	S.H.A. and B.A.A. Historical Section
2020	Aug	No Meeting		
2020	Sep	TBA	Anthony Jennings	Manchester AS
2020	Sep	Alice Gracer Cook	Bill Barton	SHA and BAA Historical Section
2020	Oct	An introduction to variable star observing	Gary Poyner	BAA variable star section
2020	Nov	The universe in your mind's eye	John Waterhouse	Bradford AS
2020	Dec	President's Evening		
2021	Jan	AGM		
2021	Feb	An Introduction to Cosmology	Gary Fildes	founder of Kielder Observatory
2021	Mar	Mars Express mission - observing the Martian atmosphere	Dr. Anni Määttänen	Sorbonne Université
2021	Apr	Kuiper belt objects	Roy Gunson	Mexborough and Swinton AS
2021	May	The Pluto Story	Prof. Ian Robson	Royal Observatory, Edinburgh
2021	Jun	Conquering the Expanse - the next steps in solar system exploration... and beyond	Rob Swinney	Initiative for Interstellar Studies
2021	Jul	Taking Radio Astronomy to Africa	Prof. Melvin Hoare	University of Leeds
2021	Aug	No Meeting		
2021	Sep	What Atoms Tell Us About Galaxies	Dr. Gareth Few	
2021	Oct	An Aspect of Spaceflight: TBC	Robert Christy	
2021	Nov	??	Roy Gunson ??	
2021	Dec	President's Evening		
2022	Jan	AGM		
2022	Feb	Einstein and Hubble: Measuring the expansion of the Universe with gravitational waves	Prof. Martin Hendry MBE	head of the Astrophysics Dep't. at Glasgow University
2022	Mar	The Changing Scene in Astronomy	Prof. Ian Robson	Royal Observatory, Edinburgh
2022	Apr	Dark Energy	Prof. Nicholas Evans	Southampton University
2022	May	Mercury, a Messenger for the Solar System	Michael Czajkowski	
2022	Jun	Radio Astronomy	Prof. Elias Brinks	University of Hertfordshire
2022	Jul	Parker Solar Probe - To Touch The Face Of The Sun	Keith Townsend	FRAS and BAA
2022	Aug	No Meeting		
2022	Sep	A History of Women in Astronomy	Mary McIntyre	FRAS
2022	Oct	Planetary Atmospheres	Prof. Dan Marsh	University of Leeds
2022	Nov	Extremes of Gravity	Prof. Chris Fewster	University of York
2022	Dec	President's Evening		
2023	Jan	AGM		
2023	Feb	It's not rocket science	Dr. Steve Barrett	University of Liverpool

**LAS - Previous Formal Meetings**

Year	Month	Title	Speaker	Organisation
2023	Mar	Astronomy in God's Own Country	Martin Lunn MBE. FRAS.	
2023	Apr	Mars Exploration and the Influence of Dust	Catherine Regan	University College London
2023	May	Exoplanets (Title: TBC)	Dr. Dmitris Stamatellos	University of Central Lancs.
2023	Jun	Ten ways the Universe tries to kill us.	Stephen Tonkin, FRAS	
2023	Jul	A very brief history of rovers and landers	Dr Elizabeth Pearson	Cardiff University (& 'Sky at Night' magazine News Editor)
2023	Aug	No Meeting		
2023	Sep	Caroline Herschel, and the stories we still need to find	Dr Emily Winterburn	Society for the History of Astronomy
2023	Oct	A History of Women in Astronomy - Part 2	Mary McIntyre FRAS	
2023	Nov	TBC		
2023	Dec	President's Evening		