



# The Astronomical Society of Glasgow

## 2018 / 2019 SESSION - MEMBERSHIP APPLICATION FORM (Please write clearly in BLOCK CAPITALS)

<b>NAME</b>	
<b>ADDRESS</b>	
<b>POSTCODE</b>	
<b>Email Address</b>	
<b>Telephone Numbers</b>	
<b>MEMBERSHIP TYPE</b>	<input type="checkbox"/> <b>ADULT (@ £15)</b> <input type="checkbox"/> <b>JUNIOR (16 and under - FREE)</b>
<i>Newsletters will be sent to the email address provided. Members without an email address will receive their newsletter by post.</i>	

<b>DECLARATION</b> I hereby give my consent for the above personal information to be held in an information system. Details of how the ASG uses your information and your rights under data protection legislation is available at <a href="http://www.theasg.org.uk/index.php/homepage/data-protection">www.theasg.org.uk/index.php/homepage/data-protection</a>	
<b>SIGNATURE</b>	<b>DATE</b>

<b>JUNIOR MEMBERSHIP</b> (Applications from persons under the age of 18 must be countersigned by a parent or guardian)	
<b>PARENT'S SIGNATURE</b>	<b>DATE</b>
<b>MEMBER'S DATE OF BIRTH</b>	

<b>GIFT AID</b> I am a UK Income Tax payer. I would like the ASG to treat all donations (including Subscriptions) I have made for the six years prior to this year and all other donations made from the date of this declaration, as Gift Aid donations. I will inform the ASG if I cease to pay tax, or no longer wish my donations to be included for Gift Aid.	
<b>SIGNATURE</b>	<b>DATE</b>

<b>HOW DID YOU HEAR ABOUT US?</b> If you are not an existing member, please tell us how you found out about us.	
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Please send with remittance to:  
Mr. Bob Hill, 21 Heather Avenue, Bearsden, G61 3JB  
(Cheques made payable to The Astronomical Society of Glasgow)

Admin use only
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The Astronomical Society of Glasgow (or ASG) is a charity registered in Scotland, No: SCO15035

## Lectures

The ASG presents a series of public lectures, held on the third Thursday of each month between September and May. The lecture programme for the 2018-19 session is as follows:

- 20th September 2018     **Listening to Einstein's Universe: The detection of gravitational waves** – *The Eric Tomney Lecture*  
Dr Peter Murray, Research Fellow, Institute for Gravitational Research, University of Glasgow
- 18th October 2018     **Einstein's Relativity: Tested to the limit with pulsars**  
Dr Rene Breton, Lecturer in Astrophysics, School of Physics and Astronomy, Jodrell Bank Centre for Astrophysics
- 15th November 2018    **Space Resources: Engineering beyond planetary boundaries**  
Prof Colin McInnes, James Watt Chair, Professor of Engineering Science, University of Glasgow
- 20th December 2018    **Black Holes, Black Magic and Interstellar Travel – how general relativity could help Santa span the galaxy**  
Prof John Brown, Astronomer Royal for Scotland, Astronomy and Astrophysics Group, University of Glasgow
- 24th January 2019     **Exoplanets**  
*The Tannahill Lecture*  
Prof Chris Lintott, Professor of Astrophysics. Citizen Science Lead, Department of Astrophysics, University of Oxford
- 21st February 2019     Members' Night Talks
- 21st March 2019        **What Re-Ionised the Universe?**  
Prof Nial Tanvir, Lecturer in Physics and Astronomy, Department of Physics and Astronomy, University of Leicester
- 18th April 2019        **Are we alone in the Universe?**  
*The Leon Davies Lecture*  
Prof Brad Gibson, Professor of Astrophysics, Director of E.A. Milne Centre for Astrophysics, School of Mathematics and Physical Sciences, University of Hull
- 16th May 2019         **Mercury – the incredible shrinking planet**  
Dr Simon Cuthbert, Lecturer in Earth Science, University of the West of Scotland

Lectures are held in Room 6.41 Royal College, Strathclyde University unless advised otherwise on the website. Access is via the [Montrose Street entrance](#), take the lift to Level 3, exit the lift and take the 2nd set of steps on your left, go through the double glass doors. Room 6.41 is on your left approximately half way along the corridor. The lectures start at 7:30pm and are preceded from 6:45pm by either a presentation on the month's skywatching highlights or by a social event giving you the opportunity to meet other members. Further details will appear on the website <http://theasg.org.uk/> before each lecture.

## Useful Software and Websites

[Stellarium](http://www.stellarium.org/) (<http://www.stellarium.org/>) is a free open source planetarium for your computer. It shows a realistic sky as you would see with the naked eye, binoculars or a telescope. Runs on Mac OS X, Linux and Windows.

[Virtual Moon Atlas](http://ap-i.net/avl/en/start) (<http://ap-i.net/avl/en/start>) used by more than 750 000 persons all over the world. Used in several books, magazines, observatories, universities, Web sites and blogs. Used in Chandrayaan 1 lunar mission preparation. Recommended by the European Space Agency (ESA) and the French Ministry of National Education. Available for Mac OS X, Linux and Windows.

[Celestia](http://celestiaproject.net/) (<http://celestiaproject.net/>) is free space simulation software that lets you explore our universe in three dimensions. Celestia runs on Windows, Linux, and Mac OS X.

[NASA Jet Propulsion Laboratory](http://www.jpl.nasa.gov/) (<http://www.jpl.nasa.gov/>) information on all NASA JPL unmanned missions. JPL also run the Theodore von Kármán Lecture Series every month at <http://www.jpl.nasa.gov/events/lectures.php>

[NASA Eclipse website](http://eclipse.gsfc.nasa.gov/eclipse.html) (<http://eclipse.gsfc.nasa.gov/eclipse.html>) information on past and future solar and lunar eclipses..

[Astronomy Picture of the Day](http://apod.nasa.gov/apod/astropix.html) (APOD, <http://apod.nasa.gov/apod/astropix.html>) - Each day a different image or photograph of our fascinating universe is featured, along with a brief explanation written by a professional astronomer.

[Stargazers Lounge](https://stargazerslounge.com/) (<https://stargazerslounge.com/>) popular amateur astronomy website, forum and source of information and advice.

[Space Weather](http://spaceweather.com/) (<http://spaceweather.com/>) news and information about the Sun-Earth environment.

[NOAA / NWS Space Weather Prediction Center](http://www.swpc.noaa.gov/) (<http://www.swpc.noaa.gov/>) the US government's official space weather site.

The BBC [The Sky at Night magazine](http://www.skyatnightmagazine.com/) website (<http://www.skyatnightmagazine.com/>) astronomy news, information and articles.