

**SCIENCE & MAGIC OF LIGHT, THE UNIVERSE & EVERYTHING  
EDINBURGH: 28<sup>th</sup> MARCH 2015**

**Check the website for updates to the Programme**

<http://johncbrown.org/Science&Magic.html>

A day of FREE talks demos and discussion by eminent scientists and magicians for the general public (all ages)  
- to celebrate 2015 as *International Year of Light*.

Also: Space rock display (Jamie Shepherd); Sunspot viewing on arrival and during breaks.

Unticketed, but space limited. Come early to avoid disappointment.

Parallel planetarium shows through the day – see <http://www.cosmosplanetarium.co.uk> (£3/ under 16 £2)

**LOCATION:** Edinburgh University (EUSA) Debating Hall Bristo Square. EH8 9AJ <http://goo.gl/maps/z97md>

**DATE & TIME:** Saturday 28th March 2015, 9.30-17.00

[Talks start 10 am but early arrivals get a chance of some sunspot observing and meteorite viewing]

**TALK PROGRAMME (DRAFT)**

**10.00 Welcome & Introduction to Cosmic Science & Magic**

Prof. John C. Brown FRSE FInstP (U. Glasgow & Astronomer Royal for Scotland)

<http://johncbrown.org>

- ably assisted by "The Professor" (Ewan Callison Scottish Conjurers Association)

**10.40 Setting Sail for Orbit : Physics, Technology & Mission Applications of Light-Sail Spacecraft**

Prof. Colin R. McInnes MBE FRSE FInstP FRAeS FEng (U. Glasgow, James Watt Chair)

[http://en.wikipedia.org/wiki/Colin\\_R.\\_McInnes](http://en.wikipedia.org/wiki/Colin_R._McInnes)

**11.20 Break**

**11.40 Faster than the Speed of Light? An Astronomer's Guide to Interstellar Travel**

Prof. Martin. A. Hendry MBE FRSE FInstP (U. Glasgow, Head School of Physics and Astronomy)

<http://www.astro.gla.ac.uk/users/martin/>

**12.20 Lunch**

**14.05 Demos of : - Anti-gravity & Exo-Planet Alien Spectrometry**

"The Professor" (Euan Callison Scottish Conjurers Association)

**14.20 Our Colourful and Luminous Universe**

Prof. Chris J.Lintott (U. Oxford, Citizen Science, BBC Sky at Night) [http://en.wikipedia.org/wiki/Chris\\_Lintott](http://en.wikipedia.org/wiki/Chris_Lintott)

**15.10 Break**

**15.30 Illuminating the Impossible**

Kevin McMahon MSc – Physicist, Associate Inner Magic Circle, Artistic Director Edinburgh International Magic

Festival <http://www.kevinmcmahonmagic.com/>

**16.20 – 17.00 General Panel Discussion + Q&A Session**

***The advertised Ceilidh (and stargazing) in the evening have been CANCELLED***

**CREDITS :** ORGANISERS - J.C. Brown, C. Gleed, L.S. McCalman.;

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SUN & STAR-GAZING Edinburgh AstroSoc <http://www.astronomyedinburgh.org/>