

LIFE IN THE UNIVERSE – EDINBURGH MARCH 9, 2013

<http://www.johncbrown.org/LifeintheUniverse.html>

A day of *FREE* talks & discussion by eminent experts for the general public (ages 8 and up).

Unticketed, but space limited. Come early to avoid disappointment

LOCATION: Edinburgh University (EUSA) Debating Hall Bristo Sq. EH8 9AL

<http://goo.gl/maps/z97md>

DATE & TIME: Saturday March 9 2013, 9.30-17.00 [Talks start at 10 am but early arrivals get a chance of some sunspot observing and meteorite viewing]

Talk Programme

10.00 *Introduction* - Prof. J.C. Brown FRSE (Astronomer Royal for Scotland)

10.20 *Exo-planets & Potential Life Signatures* – Prof. D. W. Kurtz (UCLan)

11.00 *Break*

11.15 *Where is Life Most Diverse, and Why?* - Prof. J.R. Downie (Glasgow)

11.45 *Cosmo-chemistry and Life* - Dr H.J. Fraser (OU)

12.15 *Lunch + Meteorite viewing* - Mr. J. Shepherd

14.15 *Cosmic Environments* - Dr. C. J. Lintott (Oxford & BBC Sky at Night)

14.55 *Life in Extreme Environments* - Prof. C.S. Cockell (UK Ctr for Astrobiology)

15.30 *Big Bang, Entropy & Life* - Prof. Sir Roger J. Penrose FRS, OM (Oxford)

16.30 *Panel & Audience Q&A Session*

~ **17.00** *Close*

AND, in the same venue that evening for those aged 18 and over: 20.00 - 24.00: THE OUT OF THIS WORLD CEILIDH (Tickets £12.50)

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Socialise with the speakers, attendees and the general ceilidh crowd – and dance to Scotland's renowned ceilidh band **The Occasionals**.

Weather permitting, let balcony stargazing take your breath away between dances.

For more details and ceilidh ticket purchase see -

<http://www.eventelephant.com/OutOfThisWorldCeilidh>

ORGANISERS: J.C. Brown, C.S. Cockell, C. Gleed, L.S. McCalman.

SPONSORS IoP (Scotland); RSE (Cormack Bequest); UK Centre for Astrobiology, Edinburgh

POSTER ARTWORK – D.B. McCalman