



INTERNATIONAL YEAR OF LIGHT 2015

IYL in Caithness – Public Event Programme

<p>Observing and Imaging Eclipses Friday 13th March, Castlehill Heritage Centre at 7pm</p>	<p>Talk by CAG, with demonstrations that will provide useful guidance prior to the significant solar eclipse on 20th March. Followed by an after dark observing session if weather permits.</p>
<p>Solar Eclipse Observing Friday 20th March, 8.30-11am</p>	<p>Join Caithness Astronomy Group to safely observe this significant eclipse where all but a tiny sliver of the Sun will be hidden by the disc of the Moon. Location(s) to be confirmed – check CAG website.</p>
<p>Earth Hour Event Saturday 28th March, Newtonhill Croft at 8.15pm Grid ref: ND 362511</p>	<p>A fascinating look at the earth in space, making the most of our unpolluted Caithness night skies. Slide show and guided star gazing provided by the local astronomy group, then a night walk to the pond. No astronomy knowledge needed. Please bring a torch and binoculars if you have them. Places limited, booking essential. Contact Kirsty on 07500 784123 or kirsty.rosie@highland.gov.uk</p>
<p>Painting With Light Friday 15th May, Castlehill Heritage Centre at 7pm</p>	<p>Neil Buchan will talk about how the optics and electronics in modern photographic equipment can be used by photographers to capture light in a way that produces stunning images. The evening will also include the chance for hands on use of a variety of optical instruments.</p>
<p>Eat the Sun for Lunch Tuesday 4th August, Seadrift Visitor Centre, Dunnet Beach at 11am</p>	<p>Family photosynthesis workshop. Learn about the amazing science going on inside plant leaves! Demonstrations and hands on activities for kids and big kids. Booking required. Contact Kirsty on 07500 784123 or kirsty.rosie@highland.gov.uk</p>
<p>Turning to the Dark Side Friday 14th August, Castlehill Heritage Centre at 8pm till late</p>	<p>Dave Jones of the RSPB will kick off the evening with a talk about wildlife that becomes active and thrives after dark. Followed by a guide to the sights visible in the local dark skies by Caithness Astronomy Group. The evening will be rounded off by a short session spotting Perseid meteors and possibly some of the critters that appear as darkness falls.</p>
<p>2020 Vision: The Future of Astronomical Telescopes Wednesday 2nd September, Castlehill Heritage Centre at 7pm</p>	<p>This talk by Prof Martin Hendry will look at the enormous scientific potential of the next generation of telescopes, and preview some of the biggest questions that astronomers might be tackling in 2020 & beyond.</p>
<p>The Light of Other Worlds - Exoplanets and the Search for ET Friday 2nd October, Castlehill Heritage Centre at 7pm</p>	<p>Dr Duncan Forgan of the University of St Andrews will describe how astronomers, physicists, chemists, geologists and biologists are teaming up to search for life on other planets, and to look for signs of intelligent life. Followed by an observing session if the weather permits.</p>
<p>IYL Quiz Night Friday 27th November, Castlehill Heritage Centre at 7.30pm</p>	<p>Come along and join the fun at a Light themed quiz night</p>

All events are free to attend. Schedule is subject to change – check the following weblinks for updates...

www.spanleafish.com/caithnessastronomygroup/news.asp ; <http://whatson.caithness.org/>

Supported and funded by.....

Institute of Physics in Scotland, Caithness Astronomy Group, Caithness Branch of the British Science Association, Castletown Heritage Society, Highland Council Countryside Rangers, Caithness Biodiversity Group & the RSPB



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