

Real Astronomy

Friday 27 October, 7-10pm
Langdon Beck Hotel,
Teesdale

Pre-book via
[www.northpennines.org.uk/
events-calendar](http://www.northpennines.org.uk/events-calendar)

Adults £5; Concessions £2; Families £10

Experienced astronomer Richard Darn will introduce you to the delights of stargazing, unlocking some of the secrets of astronomy, including the best way to watch a meteor shower and predict the elusive Northern Lights. We'll also do some stargazing too – weather permitting.

www.northpennines.org.uk/events-calendar/real-astronomy/



Build a Rocket Workshops

Saturday 28 October,
Session 1: 11am-1pm

[www.northpennines.org.uk/events-calendar/
build-a-rocket-workshop-session-1/](http://www.northpennines.org.uk/events-calendar/build-a-rocket-workshop-session-1/)

Session 2: 12noon-2pm

[www.northpennines.org.uk/events-calendar/
build-a-rocket-workshop-session-2/](http://www.northpennines.org.uk/events-calendar/build-a-rocket-workshop-session-2/)

Session 3: 1-3pm

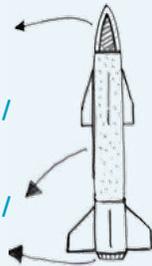
[www.northpennines.org.uk/events-calendar/
build-rocket-workshop-session-3/](http://www.northpennines.org.uk/events-calendar/build-rocket-workshop-session-3/)

Bowlees Visitor Centre, Teesdale

Pre-book via www.northpennines.org.uk/events-calendar

Children – £5 (no charge for accompanying adults)

Design and build your very own bottle rocket in this space-themed craft workshop at Bowlees Visitor Centre and then experience the excitement of launching it!



Eclipses Uncovered

Sunday 29 October, 7-10pm

North Pennines Observatory, Allenheads

Pre-book via [www.northpennines.org.uk/
events-calendar](http://www.northpennines.org.uk/events-calendar)

Adults – £5; Concessions – £2; Families – £10

Join amateur astronomer Andy Gray to discover what eclipses are all about. Andy will be showing footage and images from the 2017 solar eclipse.

We'll also do some stargazing at the North Pennines Observatory – weather permitting.

[www.northpennines.org.uk/events-calendar/
eclipses-uncovered/](http://www.northpennines.org.uk/events-calendar/eclipses-uncovered/)

For more information

www.thisisdurham.com/darkskiesfestival

[www.northpennines.org.uk/exploring/stargazing/
north-pennines-stargazing-festival-2017](http://www.northpennines.org.uk/exploring/stargazing/north-pennines-stargazing-festival-2017)

#NorthPennStarFest17

Supported by:

Visit **County Durham**

NORTH PENNINES
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Cultural Organisation

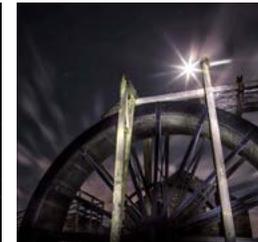
North Pennines
UNESCO
Global Geopark

Science & Technology
Facilities Council

The festival is part of the AONB Partnership's Discovering Northern Dark Skies programme which is funded by the Science & Technology Facilities Council

Dark sky friendly
Durham

North Pennines
Stargazing Festival
21-29 October 2017



To celebrate the dark night skies and stargazing opportunities in the North Pennines Area of Outstanding Natural Beauty (AONB) and UNESCO Global Geopark the area's first Stargazing Festival is being organised for 2017. Expert astronomers will be running a wide variety of events and stargazing opportunities, aimed at all ages, across the North Pennines.

Highlights:

- ★ Pop-up Planetarium
- ★ Stargazing opportunities
- ★ Talks on our Solar System, Eclipses and Constellations
- ★ Astrophotography workshops
- ★ Beginners astronomy sessions
- ★ Build your own Bottle Rocket Workshops

Tour of our Solar System



Saturday 21 October, 7-10pm
Bowlees Visitor Centre, Teesdale

Pre-book via

www.northpennines.org.uk/events-calendar

Adults £5; Concessions £2; Families £10

Join amateur astronomer Andy Gray at Bowlees Visitor Centre on a magical mystery tour of our very own Solar System. We'll also do some stargazing too – weather permitting.

www.northpennines.org.uk/events-calendar/tour-of-our-solar-system/



Astrophotography Workshop



Saturday 21 October, 7-10pm

Killhope Museum, Weardale

Pre-book via www.eventbrite.co.uk/e/killhope-night-photography-workshop-dark-sky-milky-way-tickets-37941091827

£35

Learn to photograph the night sky from one of the darkest locations in the North Pennines at Killhope Museum. This highly practical three-hour introduction to photographing the night sky is being led by Gary Lintern and his expert team.

www.northpennines.org.uk/events-calendar/astrophotography-workshop/



Pop-up Planetarium

@ Allendale

Monday 23 October, 10.45am-3.45pm

Allendale Village Hall

FREE, just turn up



Join us in Allendale Village Hall for an immersive journey through the universe in our spectacular planetarium dome. The show is suitable for all ages, lasts for approximately 45 minutes, and takes place every hour, on the hour (11am, 12noon, 1pm, 2pm and 3pm).

www.northpennines.org.uk/events-calendar/pop-up-planetarium-allendale/

Constellations – Myths, Legends and Recognition



Tuesday 24 October, 6-8pm

Harehope Quarry Project, Weardale

Pre-book via www.northpennines.org.uk/events-calendar

Adults £5; Concessions £2; Families £10

Discover the beauty of the dark skies of the North Pennines with experienced local astronomer Bruce Ferguson from Wild North Discovery. We'll start with an introductory indoor session. Afterwards, weather permitting, we'll go out and using the naked eye, binoculars and a telescope, view some of the wonders of the universe.

www.northpennines.org.uk/events-calendar/constellations-myths-legends-and-recognition/



Pop-up Planetarium

@ Alston

Wednesday 25 October, 10.45am-3.45pm

Alston Town Hall

FREE, just turn up



Join us in Alston Town Hall for an immersive journey through the universe in our spectacular planetarium dome. The show is suitable for all ages, lasts for approximately 45 minutes, and takes place every hour, on the hour (11am, 12noon, 1pm, 2pm and 3pm).

www.northpennines.org.uk/events-calendar/pop-up-planetarium-alston/

Stargazing and Astrophotography for Beginners



Wednesday 25 October, 7-10pm

South Tynedale Railway, Alston

Pre-book via www.northpennines.org.uk/events-calendar

Adults £5; Concessions £2; Families £10

Join experienced astronomer and astrophotographer Martin Kitching from Northern Experience Wildlife Tours for an in-depth introduction to stargazing and capturing the night sky. We'll also do some stargazing too – weather permitting.

www.northpennines.org.uk/events-calendar/stargazing-and-astrophotography-for-beginners/



Skywatch

@ Killhope Museum

Thursday 26 October, 6.30-9.30pm. Killhope Museum, Weardale

FREE, just turn up



Enjoy some of the darkest skies in the North Pennines, at Killhope Lead Mining Museum. Experienced astronomers will be on hand to show you around the night sky, using a range of powerful telescopes and other astronomy equipment.

www.northpennines.org.uk/events-calendar/skywatch-killhope-museum/

Pop-up Planetarium

@ Stanhope

Friday 27 October, 10.45am-3.45pm

St Thomas' Church Hall, Stanhope

FREE, just turn up



Join us in St Thomas' Church Hall in Stanhope for an immersive journey through the universe in our spectacular planetarium dome. The show is suitable for all ages, lasts for approximately 45 minutes, and takes place every hour, on the hour (11am, 12noon, 1pm, 2pm and 3pm).

www.northpennines.org.uk/events-calendar/pop-up-planetarium-stanhope/