

# Aurora: In Search of the Northern Lights

## Dr Melanie Windridge

Do we really understand the northern lights? Tour operators will have us believe that we do, but there are still mysteries hidden behind the dancing curtains of light.

Interweaving the science with a background of their history, folklore and changing landscape, Aurora brings together space, place and science in magnificent style. In a journey that takes her through Scandinavia, Canada and Svalbard, culminating in a spectacular solar eclipse, Dr Melanie Windridge delves into the Northern Lights.

This inspiring lecture, based on the book of the same name, describes our connection to the Sun, the scientific processes behind the lights, and some of the unwanted technological effects of Space Weather - with beautiful images and adventure stories!



Credit: Senior Airman Joshua Strang, US Air Force



Dr Melanie Windridge is a plasma physicist, lecturer, writer... with a taste for adventure. She has a PhD in fusion energy and is Business Development Manager for fusion start-up Tokamak Energy. She also works in education with the Ogden Trust, Anturus and Your Life. Melanie loves the mountains and believes science and exploration go hand in hand.

See [www.melaniewindridge.co.uk](http://www.melaniewindridge.co.uk) for more details.

