

**Dr Robin Catchpole,
Institute of Astronomy,
Cambridge University**

FREE ENTRY

Venue QR codes to register:

**8th September EIC,
Preston 6:30pm**



**9th September Wesley
Hall, Lytham 10:30am**



**9th September Town Hall,
Barrow-in-Furness
7:30pm**



**10th September Lakes
College, Workington
6:00pm**



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#ForThoseWhoDoMore

The Sun and Climate Change

See How the Sun Works

Our Earth has shown wild variations in climate over the last few hundred million years. The ultimate driver of climate is the Sun, which has increased in luminosity by 30% over its 4,500 million year current life. We will see how the sun works and how it influences the Earth and our climate on ever shorter time scales, including the 11 year sunspot cycle. Finally, we will see how recently CO2 has become increasingly important and look at the most likely future.



Solar flare photos from NASA's
Goddard Space Flight Center/SDO