



# John Tyndall, pioneer in understanding the Greenhouse Effect: how a Hindhead resident changed climate science.

Join us for an enlightening talk on the life of John Tyndall, pioneering Victorian scientist, intellectual and mountaineer, given by Sir Roland Jackson, Honorary Research Fellow at University College London, former head of the Science Museum and author of the definitive biography 'The Ascent of John Tyndall'.



Haslemere Hall, Wednesday 27th March 7.30pm  
No charge. £5 Donation invited.  
Entry by ticket: <http://tinyurl.com/Tyndall-talk>  
Cash bar following talk.



# John Tyndall, 1822-93

The 19th Century scientist whose investigations of the greenhouse effect of carbon dioxide and water vapour underpin our modern understanding of climate change, meteorology and weather spent the last decade of his life in Hindhead.

Rising from humble beginnings in Ireland he became one of the foremost experimental physicists of his age and a major intellectual figure in Victorian Britain. He was the first to explain why the sky is blue and made groundbreaking discoveries in magnetism, heat and germ theory. His work on the movement of glaciers as well as his pioneering exploits in mountaineering – he was the first to traverse the Matterhorn – led to glaciers, mountains and even craters on the moon and Mars being named after him.

A passionate scientific educator he was at the centre of many social, cultural, religious and political debates of the time: certain of his views might not resonate today.

His friends included Michael Faraday, Thomas Huxley, Thomas Carlyle and Charles Darwin.

In 1883, Tyndall and his wife Louisa moved to Hindhead to a house they had designed by noted local architect JW Penfold. They chose the area for its then wild countryside and proximity to his friend Alfred, Lord Tennyson (Tyndall was a lifelong lover of poetry).

Tyndall lived in Hindhead until his accidental death in 1893.

## Talk Sponsored by:



The sponsors are refurbishing John Tyndall's memorial stone in the St Bartholmew's Churchyard extension in Derby Road and a £5 donation is requested to contribute to the cost