Since the 1960s predictions of weather and climate are based on massive computations of the equations of fluid dynamics, thermodynamics and chemistry. But even though ten million or more data points are used in the computations, they involve many approximations. Also there are insufficient data from measurements to initiate the calculations. So why can we rely on the predictions? This requires understanding the physical processes that control the weather and climate, such as clouds or cyclones or human influences, and also their characteristic patterns, which means that they are not as chaotic as some commentators suggest. Hopefully the lecture will enable you to make better use of predictions (perhaps beyond meteorology as well) and know
when they are or are not reliable!

Don't forget that 6th Form Maths!

Buffet Supper and Networking
Afterwards

Please register at
http://coventry.bcs.org/events.php
[2]

Coventry & Warwickshire
Network Committee

For further information of Local
Network events across the
Midlands please contact the
Regional Co-ordinator Julie
Hudson. Email:
jhudson@theiet.org [3], Tel: 01438 767285.

Source URL: https://www.rmets.org/events/prestige-christmas-lecture-patterns-and-predictions-weather-and-climate-lord-julian-hunt#comment-0

Links
[1] https://www.rmets.org/events
[3] mailto:jhudson@theiet.org