

STAR PROGRAMME 2020

All meetings at 2-00pm in the Keyworth Methodist Church

Monday 6th January 2020:

Peter Williams (One of our own STAR Group Members) will be giving a talk called **“Remote Sensing Techniques in Hydrocarbon Wells”**

Peter has given this presentation many times before to people starting their career in the oil and gas industry.

He was a Technology Champion for Weatherford's Wireline Services product line and was based at their Research and Development centre in the UK.

He has 43 years experience working in hydrocarbon exploration and development. He has worked in a variety of technical, sales and managerial roles within the wireline service industry.

Educated at Manchester University, UK, he is a Chartered Engineer and a member of the Energy Institute, Society of Professional Well Log Analysts and Society of Petroleum Engineers.

Monday 3rd February 2020:

Dr Nick Riley (of BGS) will be giving a Talk called **“Sustainable Energy”**

Abstract from Nick

Various campaign groups & political parties claim that the UK (& the world) should get to “zero” carbon urgently in what is termed by some as a “climate emergency”.

This talk will examine some of the technical, societal, & political challenges ahead for the UK to get to “net zero”.

Monday 2nd March 2020:

Professor Jane A. Evans - will be giving a talk called...

“Richard III: His Life from his bones”

Abstract.

King Richard III died at the Battle of Bosworth in 1485 and teams from the University of Leicester and the Richard III Society uncovered this warrior king's remains under a council car park in 2012. The skeleton was then tested to confirm his identity and to try to reveal how he died. Professor Jane Evans and Dr Angela Lamb were asked to find out more about his lifestyle and movements. They were given a pre-molar tooth and small pieces of femur and rib bone as these all form at different stages of life, giving a range of information across the king's lifetime.

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Professor Jane Evans of BGS will be talking about the work that she has been doing in conjunction the University of Leicester to research the lifestyle of Richard III in order to identify elements of his diet. She has been working with Dr Angela Lamb who works in the NERC Isotope Geosciences Facilities (NIGF) at the BGS in Keyworth.

Monday 6th April 2020:

Tahir Ahmed will be giving a talk called ***“The Genius of Sir Isaac Newton”***

Abstract

This short talk gives an overview of how and why Sir Isaac Newton is generally regarded as a genius. Over a period of a few years, he created an enormous leap in our understanding of several scientific topics, including gravity, light, mathematics, and astronomy. This talk describes some of his insights, and explains why they were so significant and far-reaching, and why they have endured to this day.

Monday 4th May 2020:

Andrew Morrison (from Beeston U3A) who will be giving a talk called:
“Gravity: From Aristotle to Einstein by way of Newton”

You may recall that Andrew kindly gave our group a talk on AI last November so this is a very welcome return to an old friend.

Abstract.

Since the ancient world began to speculate about the nature of the Universe, it has taken more than 2000 years to gain our present - and almost certainly incomplete - understanding of Gravity.

This talk will trace the way our concept of Gravity has developed from then to now.

Monday 1st June 2020:

Peter Tomlinson (One of our own STAR Group Members) will be giving a talk called... ***“Diamonds Are Forever”***

Abstract.

Peter spent some 25 years in the diamond Industry in South Africa working at the De Beers research laboratory in Johannesburg, he will give a talk on Diamonds - covering, for example, their history, geological formation, mining and recovery techniques and the science behind the production of man-made diamonds.