

STAR PROGRAMME 2022

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

Monday 1st August 2022:

Julian Ellis (Master Framework Knitter) will be giving a talk with the title **"Tomorrows Textiles".**

Abstract

Julian will be talking about textiles for technical applications, including surgical implants, and parts for aeroplanes, ships and racing cars. There will be many examples to be passed round for examination.

Monday 5th September 2022:

Sam Boote – one of STAR Group Members will be giving a talk about **"The James Webb Space Telescope."**

Abstract

Sam Boote has kindly offered to combine two presentations that were given at Nottingham Astronomical Society (of which he is a member) and to give the presentation to our group, for our September Meeting. The first of these was on the design and construction of the telescope and the second was on images recently taken by it.

The James Webb Space Telescope has had a great deal of recent coverage, both in the main news outlets, as well as a number of technical publications so this magnificent piece of equipment will, I am sure, be of general interest within our group.

General Information

This is a space telescope designed primarily to conduct infrared astronomy. As the largest optical telescope in space, its greatly improved infrared resolution and sensitivity allow it to view objects too early, distant, or faint for the Hubble Space Telescope.

STAR PROGRAMME 2022

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

Monday 3rd October 2022:

Prof Mike Stephenson – Director of Stephenson Geoscience Consulting (formerly of BGS) will be giving a talk with the title

"Landscape and geology: the inspiration of poets and scientists alike"

Abstract

This Prof Mike Stephenson (former Executive Chief Scientist of BGS) will describe the inspiration that landscape and geology has provided to poets and writers through the ages, from Ovid to Dante to Shakespeare - and from more modern times, Ted Hughes, Seamus Heaney and Alice Oswald. He'll illustrate his talk with short readings from these poets, and with photos of the landscapes that inspired them - and make some connections between the ways that scientists and writers find their inspiration and carry on their trades.

Monday 7th November 2022:

Paul Fileman – of Soar Valley U3A will be giving a talk with the title

"The Building of the Panama Canal"

Abstract

First proposed in the 16th Century, a canal at Panama proved to be a much more difficult undertaking than anyone anticipated. Completed in the 20th Century, the Panama Canal is one of the engineering triumphs of the world.

Find out what the challenges were and how they were overcome.