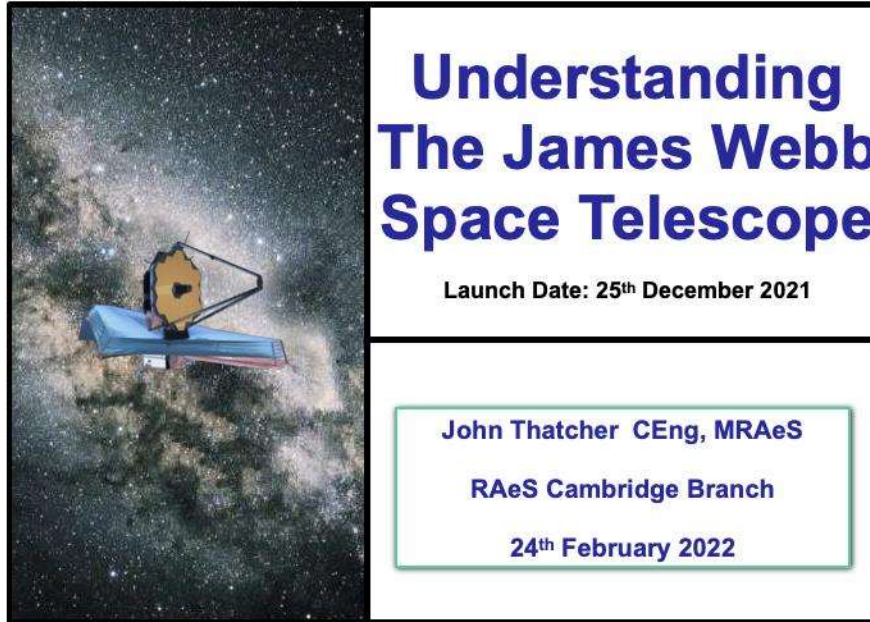




Sir Arthur Marshall Lecture 2022 Lecture – Understanding the James Webb Telescope



Date: Thursday 24th February 2022

Speaker: John Thatcher

Synopsis:

The James Webb Space Telescope (JWST) is optimised for making infrared observations in order to study the origin and evolution of galaxies, stars and planetary systems and is designed to look further back in space and time than the Hubble Space Telescope. It is a massive international project, decades in the making, involving NASA, the European Space Agency and the Canadian Space Agency.

The UK has a key role in leading a multi-national group that provides one of the 4 instruments on JWST with the lead scientist (Principal Investigator) based at the Royal Observatory, Edinburgh and the Project Manager (myself) based in what is now Airbus Defense and Space in Stevenage. This talk provides an overview of how JWST came to be, why it looks the way it does and a preview of what is to come when it begins science operations following its successful launch on Christmas Day 2021.

Venue: TEAMS Webinar (online live lecture), registration required

Registration link-

https://teams.microsoft.com/registration/0JqrdFkn0u8zWLnZzuB_A,2WDv2IAhh0SyUpPS4gDWwQ,abgbz6meD06rgOIN7JducA,v3AG3w_7YkeWnCqE095tQg,II710rD4YE-5ZTxAP4kC7Q,sTelSRrJkU2LOgbLyPD9dQ?mode=read&tenantId=74ab9ad0-2759-4b9f-bccd-62e7673b81fc

Webinar goes live at 7.20pm

Lecture Starts at 7.30 pm