



# **The Derby and District Astronomical Society**

**Friday 1<sup>st</sup> APRIL - 7:30pm**

**PROFESSOR CLIVE TADHUNTER**

## **LOOKING BACK IN TIME WITH THE HUBBLE SPACE TELESCOPE**

The talk will take place at the Friend's Meeting House, St Helen's Street, Derby, DE1 3GY. Please note that the fee for non members is £3.

DUE TO THE RAPID ADVANCE IN TECHNOLOGY OVER THE LAST 25 YEARS, OUR UNDERSTANDING OF GALAXIES AND THEIR EVOLUTION HAS BEEN REVOLUTIONISED. THE HUBBLE SPACE TELESCOPE (HST) HAS BEEN IN THE VANGUARD OF THIS TECHNOLOGICAL REVOLUTION.

DUE TO IT'S EXQUISITE IMAGE QUALITY AND HIGH SENSITIVITY, THE HST IS ABLE TO DETECT GALAXIES IN THE EARLY UNIVERSE, SHORTLY AFTER THE BIG BANG. IN THIS WAY IT IS A TIME MACHINE, ALLOWING US TO TRACK GALAXY EVOLUTION.

IN THIS TALK CLIVE WILL REVIEW SOME OF THE KEY RESULTS FROM THE HST.

Please note that occasionally due to events beyond the control of the Society there may be changes made to this programme. For the latest information please refer to the DDAS Website - <http://www.derbyastronomy.org>

## **PROFESSOR CLIVE TADHUNTER**



CLIVE IS CURRENTLY PROFESSOR OF ASTRONOMY AND HEAD OF THE ASTRONOMY GROUP IN THE DEPARTMENT OF PHYSICS AT THE UNIVERSITY OF SHEFFIELD.

HE IS THE FORMER VICE PRESIDENT OF THE ROYAL ASTRONOMICAL SOCIETY AND CHAIR OF THE PANEL FOR THE ALLOCATION OF TELESCOPE TIME.

HE'S BEEN AT SHEFFIELD FOR THE LAST 25 YEARS, BEFORE THAT HE HELD A POSTDOC AT THE ROYAL GREENWICH OBSERVATORY, CAMBRIDGE BETWEEN 1989 AND 2001 AND WAS AT THE SPACE TELESCOPE EUROPEAN COORDINATING FACILITY AT GARCHING, GERMANY FROM 1987 TO 1989.