

**East of England, Engineering, Science & Technology Association (EEESTA)**

Formed in April 2001 from the East of England Professional Engineering Institutions (PEI). EEESTA's objective is to bring together those engineering institutions and other organisations interested and involved in promoting and delivering engineering, science and technology, with those bodies who have links to the schools, colleges and public at large. EEESTA is thus complementing the EEDA Regional Innovation & Technology Strategy. The Association will not provide services that are better provided individually by constituent organisations. EEESTA aims to ensure that funds and effort promoting engineering, science and technology within the region are used as effectively as possible with everyone involved working as a team. Organisations supporting and working with EEESTA include:- The ETB, The Science Council, Engineering & Science Institutions, Royal Academy of Engineering, CBI, EEF, CPE, SBS / Business Links, SETPOINTS and SEMTA.

[www.technology-east.org.uk/eeesta.html](http://www.technology-east.org.uk/eeesta.html)

**EEESTA - Herts & Beds Sub-Group**

The Hertfordshire and Bedfordshire Sub-Group of EEESTA was formed over 5 years ago by local members of the Professional Engineering Institutions to represent the engineering profession in these counties. The main focus of the group's activities is to promote the Engineering, Science and Technology Professions to the community at large by staging an annual prestige seminar in November.

"Watch this Space" is the fifth of these events where eminent speakers will present a fascinating lecture to a large audience of varied background. This seminar builds on the enormous success of the previous four, and a capacity audience last year has resulted in a change of venue for this year, hence: -

**EEESTA Herts & Beds Sub-Group contact: -**

John Christopher  
Chairman Herts/Beds EEESTA  
c/o Business Link Hertfordshire  
45 Grosvenor Road  
St. Albans  
Herts  
AL1 3AW

Mob: 07775 703294

E-mail: [john.christopher@herts.businesslink.co.uk](mailto:john.christopher@herts.businesslink.co.uk)

**ATTENDANCE IS BY FREE TICKET ONLY  
AVAILABLE FROM: -**

Business Link Hertfordshire  
45 Grosvenor Road  
St. Albans  
Herts  
AL1 3AW  
Tel: 01727 813613  
Fax: 01727 813601  
E-mail: [info@herts.businesslink.co.uk](mailto:info@herts.businesslink.co.uk)

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# WATCH THIS SPACE

**The Beagle 2  
space probe to Mars**

**A prestige seminar on  
Wednesday 12<sup>th</sup> November  
2003**

**5:30 pm to 9:30 pm  
at**

**University of Hertfordshire  
Hatfield**



**ATTENDANCE BY TICKET ONLY**

## Introduction

“**Watch this Space**” presents the inspirational story of vision and determination that, against all odds, brought the Beagle 2 Mars Lander from a dream to reality - a uniquely British achievement.

The presentations will tell some of the inside story of the Beagle 2 project, focusing on how it was started and kept going despite numerous obstacles, the scientific and engineering challenges, and finally what to expect at Christmas 2003.

**Professor Tim Wilson BSc MA PhD FOR**, Vice-Chancellor at the University of Hertfordshire, is our host for the evening and will welcome the audience.

**Dr Malcolm Kennedy CBE FEng FRSE**, the past President of the Institution of Electrical Engineers and immediate past Chairman of PB Power will chair the evening.

Our eminent speakers are:

**Professor Colin Pillinger CBE FRS** is Professor of Planetary Sciences at The Open University and Head of the Planetary and Space Sciences Research Institute. Colin is the author of more than 500 scientific contributions, full papers, abstracts and communications concerning public awareness of science. As the instigator and Lead Scientist of the Beagle 2 project, Colin is in a unique position to speak on the project's genesis and science aspects. This will include HMS Beagle, Darwin, the revolution in thinking about life on Earth, the broad background of thoughts about life on Mars, Martian Meteorites, the 'Mars Express' opportunity and the formation of the project team.

**Mike Rickett BSc (Hons) MBA CEng MRAeS**, EFA-DASS Delivery Director with BAE SYSTEMS Avionics and formerly Director of Astrium's UK Earth Observation & Science Business Unit, will discuss his key role in ensuring that the highly unconventional Beagle 2 project was not only taken on by industry but enthusiastically championed and nursed through its formative years. He will explain how the team moved the project forward without the normal kick-off arrangements and then how the configuration developed, the engineering challenges and the evolution of the industrial team. Finally, he will address the broader reasons for being involved.

Professor Pillinger will then present a summary of the key features of the science experiments and the academic network including art and rock music on Mars, operations and data processing. Lastly he will tell us what to expect when Beagle 2 sends its first data in December, what it may all mean and why the person on the street is interested.

An essential element of the Prestige Seminar is the final session when the audience has an opportunity to put questions to the speakers.

**Kate Bellingham BA (Hons) MSc MIEE**, will bring the evening to a close with a vote of thanks. Kate is a broadcaster and past presenter of BBC Tomorrow's World. An engineering enthusiast, Kate is also the President of the Young Engineers and chaired the first Herts and Beds Prestige Seminar held in November 1999.

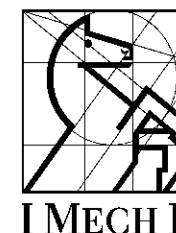
## Supporters

“**Watch this Space**” is organised by the Herts and Beds Sub-Group of EEESTA. Grateful thanks and appreciation is given to all supporters including: -

Business Link Hertfordshire  
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Year in Industry

## Continuing Professional Development (CPD)

This Prestige Seminar will help all attendees keep up-to-date on important issues. In many cases, particularly for members of the engineering profession, it may be relevant to an individual's CPD.



## The Campaign to Promote Engineering (CPE)

The objective of the Campaign to Promote Engineering is to make the public aware of the important role that engineering plays in the generation of wealth and our quality of life. In doing this CPE supports industry and commerce by publicising engineering as an exciting & rewarding career. CPE is industry led, project based & supported by the Government. It functions through local activity in partnership with local industry and educational groups, and through national projects in partnership with major UK companies & organisations. Patrons who operate in this area include: - Ford, London Electricity, London Underground, Vauxhall and Marshalls of Cambridge. See [www.cpe.org.uk](http://www.cpe.org.uk)