



**Cambridge Society for the Application of  
Research**

**[www.csar.org.uk](http://www.csar.org.uk)**

**Programme for the Academic Year  
2009-2010**

# The Larmor Lecture

**Monday, 12<sup>th</sup> October 2009**

(This is a joint lecture with the Cambridge Philosophical Society)

“The Internet, and new forms of mathematical collaboration”

**Professor W T Gowers**

Department of Pure and Mathematical Statistics, University of Cambridge

(Note that this lecture, in common with other Phil Soc lectures, will take place in the

**Bristol Myers Squibb Lecture Theatre  
Department of Chemistry  
Lensfield Road, and starts at 5.30pm).**

## THE CSAR LECTURES:

All CSAR lectures start at **7.30 p.m.**

Uniquely, the **FIRST TWO LECTURES** of our year will take place in the **Biochemistry Lecture Theatre**, Tennis Court Road, because the Wolfson Lecture Theatre is being refurbished.

**All subsequent lectures** will take place in our normal venue, the **Wolfson Lecture Theatre, Churchill College, Storey's Way, Cambridge**. The February lectures are, unusually, on **TUESDAYS**.

Coffee and biscuits are served before lectures at Churchill College from 7.00 p.m. in the foyer outside the theatre. This facility may not be available for the two lectures which are taking place at the Department of Biochemistry.

The CSAR Lectures are open to all; CSAR members are admitted free (together with their guests, depending upon their type of membership).

Non-members are asked to pay a **nominal entry fee of £3.00**

# **MICHAELMAS TERM, 2009**

**MONDAY 19<sup>TH</sup> OCTOBER**

## **Plagiarism in Science**

Our President examines the misappropriation of intellectual property

**Professor Brian J Ford**

President of CSAR

This lecture will take place in the **DEPARTMENT OF BIOCHEMISTRY**  
Tennis Court Road, Cambridge

**MONDAY 2<sup>ND</sup> NOVEMBER**

**Annual Meeting of the CSAR, followed by:**

## **Science and the Media**

A leading broadcaster considers how science and the public collide

**Quentin Cooper**

Presenter of the BBC's "Material World"

This lecture will take place in the **DEPARTMENT OF BIOCHEMISTRY**  
Tennis Court Road, Cambridge

**MONDAY 16<sup>TH</sup> NOVEMBER**

## **Laser Photonics**

Using lasers in engineering and materials science

**Dr Bill O'Neill**

Reader in Laser Engineering

Department of Engineering, University of Cambridge

**MONDAY 30<sup>TH</sup> NOVEMBER**

## **Robotic Surgery**

A new and minimally-invasive way of carrying out major surgery

**Professor David Neal**

Professor of Surgical Oncology, Cancer Research UK

## **LENT TERM, 2010**

**MONDAY, 18<sup>TH</sup> JANUARY**

(This is a joint lecture with the Cambridge Philosophical Society)

### **Gravitational Lensing**

Using black holes to find Dark Matter

**Dr Lindsay King**

Institute of Astronomy, University of Cambridge

**TUESDAY, 2<sup>ND</sup> FEBRUARY**

### **Stem Cells**

Current research on the pluripotential cells within our bodies

**Professor Austin Smith**

School of Biological Sciences, University of Cambridge

**TUESDAY, 16<sup>TH</sup> FEBRUARY**

### **Imaging Cancer**

Using magnetic resonance and spectroscopy to study cancer cells

**Dr Kevin Brindle**

Cancer Research Institute/Department of Biochemistry  
University of Cambridge

**MONDAY, 1<sup>ST</sup> MARCH**

### **Sustainable Building in the UK**

Buildings designed to have a minimal impact on the environment, both in their construction and throughout their lives

**David Adamson**

Former Director of Estate Management and Building Service,  
University of Cambridge; Director of Smarter Construction in the  
Office of Government Commerce

## **EASTER TERM, 2010**

**MONDAY 26<sup>TH</sup> APRIL**

### **Brood Parasitism**

Many animals – not only cuckoos – leave others to raise their offspring

**Dr Clair Spottiswoode**

Dorothy Hodgkin Research Fellow  
Department of Zoology, University of Cambridge

**MONDAY 10<sup>TH</sup> MAY**

### **Holographic Technologies**

Liquid Crystal displays with attitude!

**Dr T D Wilkinson**

Reader in Photonic Engineering, University of Cambridge

**MONDAY 24<sup>TH</sup> MAY**

### **Happy Danes!**

Looking behind the recent EU survey into income and contentment

**Dr Luisa Corrado**

Faculty of Economics, University of Cambridge

**MONDAY 7<sup>TH</sup> JUNE**

### **Genomics, Society and Policies**

Are your genes your own worst enemy?

**Dr Ron Zimmern**

Director of the Public Health Genetics Unit

## **The CSAR visits**

Our visits programme is organised by  
**Elizabeth Platts**, phone 01223 525681  
e-mail: elizaplatts@yahoo.co.uk

## **Objectives of the Society**

The CSAR encourages an appreciation of the sciences and promotes co-operation within and between the University, the wider academic community, the public, industry and commerce. We promote all aspects of scientific education and the application of research.

## **Financial Administration**

### **Barry Thompson**

Cambridge Enterprise Ltd  
University of Cambridge, 10 Trumpington Street,  
Cambridge CB21QA  
Telephone 01223 760 339; Fax 01223 764888;  
Email: barry.thompson@enterprise.cam.ac.uk

## **Organising Secretary**

### **Dr Richard Freeman**

2 The Maynards, Museum Street, Saffron Walden CB10 1JF  
Telephone 01799 525948 / 07787 511 006 (mobile)  
Email: richard.freeman@ntlworld.com

Those wishing to apply for CSAR membership may email the membership secretary Nigel Bennée (nigel@lucidata.com). There is an application form on the society's web site. Payment of subscriptions should be made by post to Barry Thompson (above), or to a Member of Council at one of our lectures. Postgraduate students may apply for free membership.

## **COUNCIL**

Professor Brian J Ford **President**  
Dr Richard Jennings **Vice President**  
Mr Robin Bligh **Honorary Treasurer**  
Dr Richard Freeman **Organising Secretary**  
Ms Elizabeth Platts **Organiser for Visits**  
Dr Nigel Bennée **Membership Secretary**

Professor Sir Sam Edwards  
Dr Debbie Stokes  
Professor Sir Tom Blundell  
Mr Jim Cleland  
Dr David Fyfe  
Dr Peter Forster