

CSAR

Cambridge Society for the Application of Research Programme 2015-2016

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The Larmor Lecture

MONDAY 12TH OCTOBER

Dicing with Fate; the statistical physics of cell biology

Professor Benjamin D Simons

Herchel Smith Professor of Physics

This lecture is held jointly with the Cambridge Philosophical Society. It will take place in the **Bristol-Myers Squibb** lecture theatre in the Department of Chemistry, and commences at 6pm

CSAR Lectures

CSAR Lectures and Debates start at 7:30 pm They will take place in the Wolfson Lecture Theatre, Churchill College Storey's Way Cambridge CB3 0DS, unless otherwise stated.

Coffee and biscuits are served beforehand at Churchill College from 7pm, in the foyer outside the theatre. Attendees are welcome to dine in the Hall at Churchill College (self-service, 5:45-7:15pm) and to have snacks and refreshments in the College Buttery before and after events.

The CSAR Lectures are open to all: CSAR members are admitted free; a donation of at least £3 is requested from non-members.

Pupils and students can register for free membership at the lecture theatre reception desk.

Several lectures will be preceded by brief presentations by winners of the CSAR student award scheme. Details will appear on the flyers and web-site closer to the dates for each lecture.

CSAR Visits

These are restricted to CSAR Members (numbers are limited)

Michaelmas Term, 2015

MONDAY 19TH OCTOBER

**Jointly with The Cambridge Festival of Ideas
Pioneer Colonists and Indigenous Response:
Resistance and Collaboration**

Professor Mark Horton FSA

Professor of Archaeology, University of Bristol

THURSDAY 22ND OCTOBER (AFTERNOON)

Visit:e-Go aeroplanes, Conington

MONDAY 2ND NOVEMBER

Maths and the Arts

Professor John Barrow FRS

Research Professor of Mathematical Sciences,
University of Cambridge

MONDAY 16TH NOVEMBER

[The lecture will be preceded by the CSAR AGM]

**Addressing the Challenges of
Feeding the World Sustainably**

Professor Tim Benton FSB, FLS

Professor of Population Ecology, University of Leeds

MONDAY 30TH NOVEMBER

This Lecture will be dedicated to the memory of
Professor Sir Sam Edwards, Past President of CSAR,
who died earlier this year.

**Earthquake Science and
Vulnerability in Asia**

Professor James Jackson CBE. FRS

Professor of Active Tectonics, University of
Cambridge

MONDAY 7TH DECEMBER

Technology Development

Dr Hermann Hauser

KBE, FRS, FREng, FInstP, C Phys

Co-Founder and Partner, Amadeus Capital Partners

Lent term, 2016

MONDAY 18TH JANUARY

The Challenge and Excitement of Discovering New Medicines

Dr Menelas Pangalos

Executive Vice-President, Astra Zeneca

[Held jointly with the Cambridge Philosophical
Society, Wolfson Hall, Churchill College,
7 for 7:30 pm]

MONDAY 1ST FEBRUARY

Depicting the Dead and Verifying the Visage

Facial identification:Forensic and
Archaeological Applications

Professor Caroline Wilkinson

Director, Face Lab,
Liverpool John Moores University

MONDAY 29TH FEBRUARY

EDSAC Reborn

A computer detective story

Dr Nigel Bennée FBCS

The EDSAC Replica Project,
The National Museum of Computing

THURSDAY 10TH MARCH (MORNING)

Visit: TWI, Granta Park, Abington

MONDAY 14TH MARCH

Churchill's Bomb

Dr Graham Farmelo

Physicist, Author, Historian
(<http://grahamfarmelo.com>.)

Continued over/

Easter Term

MONDAY 4TH APRIL

Book Event: Meet the Authors

Three Authors will talk about their new books, and be available for discussions afterwards. Their books and others will be available for purchase.

NB To be held in The Sackler Lecture Theatre
Institute of Astronomy (Hoyle Building)

Madingley Road CB3 0HA

7 for 7:30pm

[Location: <http://www.ast.cam.ac.uk/contact/map>]

MONDAY 18TH APRIL

The CSAR Debate

Chaired by Radio Cambridgeshire's Chris Mann

**This house believes that population
growth represents the greatest threat to
human survival**

MONDAY 16TH MAY

Probing the Polar Oceans

Dr Emily Shuckburgh

Deputy Head of Polar Oceans,
British Antarctic Survey

THURSDAY 26TH MAY (MORNING)

**Visit: Cambridge University Botanic Garden
and The Sainsbury Laboratory**

MONDAY 6TH JUNE

Landing on a Comet

Professor Monica Grady CBE

Professor of Planetary and Space Science,
The Open University

Continued over/

MONDAY 20TH JUNE

**Sustainable Engineering and Design
for the Built Environment**

Professor Max Fordham OBE, RDI, FEng, MA,
FCIBSE, Hon FRIBA

NB To be held in The Sackler Lecture Theatre,
7 for 7:30pm, as per 4th April

Objectives of the Society

The CSAR exists to encourage the advancement of education through the promotion and presentation of research, the provision of educational lectures and visits, and to encourage the appreciation and application of research.

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(please make cheques payable to
'Cambridge Society for the Application of Research')