



Cambridge Society for the Application of Research

c/o Churchill College  
Storey's Way  
Cambridge  
CB3 0DS

## The 2016 CSAR Debate

### **This House Believes that population growth represents the greatest threat to human survival**

7.30pm, Monday 18<sup>th</sup> April

Wolfson Hall Lecture Theatre, Churchill College, Storey's Way, Cambridge

Chaired by BBC Radio Cambridgeshire's Chris Mann

#### **Speakers For the Motion**

**David Cleavelly** CBE FEng is the Founding Director of the Centre for Science and Policy at the University of Cambridge and Chair of the CSaP Advisory Council. He has co-founded several companies and organizations including Abcam, Analysys, 3 WayNetworks, Controllis, the award winning restaurant 'Bocca di Lupo', Cambridge Network, Cambridge Wireless, Cambridge Angels and the Cambridge Science Centre. He is Chairman of the Raspberry Pi Foundation and the Cambridge Science Centre and is an Ambassador of the Cambridge Centre for Global Equality.

**Florence Chen** is a Fulbright Scholar studying for an MPhil in Earth Sciences at Cambridge University.

She graduated from Harvard University, where she studied Earth and Planetary Sciences.

As a Mellon Mays Undergraduate Fellow, she published two first-author papers in widely-read scientific journals on sea level rise and carbon capture and storage. She captained Harvard's Mock Trial Team and led them to a third place finish in the National Championship.

Florence was also heavily involved in politics, working on three political campaigns, interning in the US Senate and the Massachusetts Department of Energy, and serving in leadership roles in the Harvard Institute of Politics and Undergraduate Council (student government).

She is currently researching processes that may control the carbon cycle and climate change on million year timescales.

**Dr Robin Catchpole**, recent Senior Astronomer at the Royal Observatory Greenwich, currently works at the Institute of Astronomy in Cambridge. He took a BSc at University College, London, before being posted to the Royal Observatory at the Cape of Good Hope. He received his doctorate from the University of Cape Town. In 1991 he returned to the Royal Greenwich Observatory, where he worked until it closed in 1998. He has authored and co-authored over 100 research papers and has used telescopes around the world including the Hubble Space Telescope. His research interests include the composition of stars, exploding stars, the structure of our Galaxy and galaxies with central black holes. He gives numerous popular lectures and radio and TV interviews.

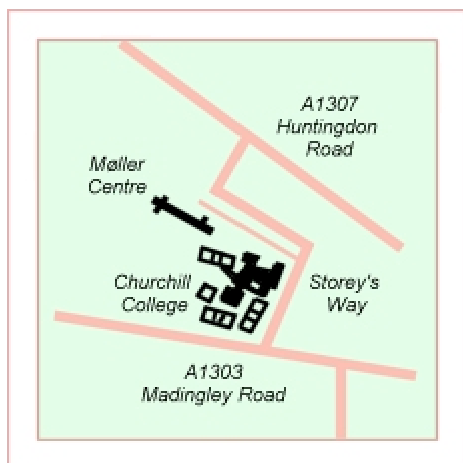
## Speakers Against the Motion

**Martin Livermore** is a chemist by training, with extensive UK and international experience in the food industry. He has been a freelance consultant since 2001, focussing primarily on food chain and biotechnology issues. He is also a regular commentator on a range of broader food chain and environmental issues via the Scientific Alliance and Cambridge Business.

**Mayke De-Freitas-Santos** is a Venezuelan environmental lawyer, working for the Ministry of the Environment and several NGOs on biodiversity issues. He is currently in Cambridge doing his MPhil in Conservation Leadership.

**Leo Sands** is the Co-Organiser of TEDxCambridge University and a final year history student at Trinity college, where he will be doing an MPhil in American History next academic year.

## Practical Matters



Those attending the CSAR lecture may park in the Senior Car Park on Churchill Road, which is off Storey's Way. More parking is available further along Churchill Road, and in the Möller Centre at the far end.

CSAR lectures are open to all; CSAR members are admitted free. Pupils and students may register for free membership at the lecture reception desk.

Non-members are asked to make a nominal contribution of £3.00.

Coffee and biscuits are available in the Wolfson Foyer from around 7pm. For further directions, see: [www.chu.cam.ac.uk/about/visitors/directions.php](http://www.chu.cam.ac.uk/about/visitors/directions.php)

Attendees are welcome to dine in the Hall at Churchill College (self-service, 5.45-7.15 pm), and to have snacks and refreshments in the College Buttery before and after events.

## Microsoft Research

CSAR is very grateful to Microsoft Research for sponsorship of CSAR lectures and student awards