



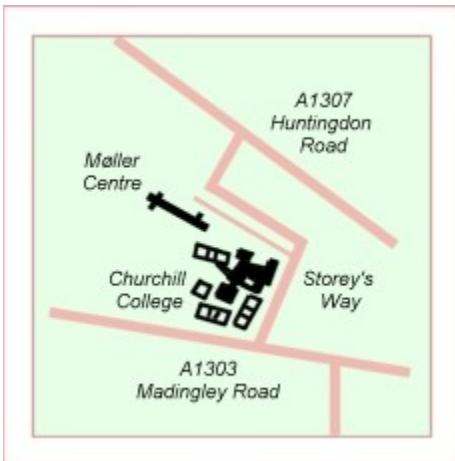
Cambridge Society for the Application of Research

Churchill College
Storeys Way
Cambridge
CB3 0DS

CSAR Energy Debate

'This House believes that the highest priority for national energy policy should be renewable energy sources rather than nuclear or fossil fuels'.

7.30 p.m., Monday 29th October, 2012
Wolfson Lecture Theatre, Churchill College, Storey's Way, Cambridge



CSAR lectures are open to all, and free to all members and students: 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

E-mail: programme@csar.org.uk

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SPEAKERS

Professor Keith Tovey is a Reader Emeritus in Environmental Sciences now based in the Norwich Business School at the University of East Anglia. He read Mechanical Sciences at Corpus Christi College, Cambridge and research for his PhD in Electron Microscopy of Clays in the Soil Mechanics Group in the Cambridge University Engineering Department. After a short time in the same Department he moved to the University of East Anglia in 1973 and from his experience in electron microscopy, became a world expert in image analysis of geological materials. In 1982 he was seconded to the Hong Kong Government where he worked on developing Landslide mitigation strategies dealing with no fewer than 199 landslides in his 30 months there.

On return to the University of East Anglia he became increasingly involved in Energy teaching and from 2000 his research also moved in that direction. He regularly appears on BBC television covering all areas of Energy including renewable energy, nuclear, and energy conservation. In 2007 was awarded the James Watt Gold Medal for Energy Conservation by the Institution of Civil Engineers – the second highest award of that Institution. He now is a member of the Energy Panel of that Institution with specific responsibility for Heat, Solar and Biofuels.

Professor Andy Woods is the Head of the BP Institute at the University of Cambridge and the BP Professor. His research interests include fossil fuels, carbon capture and storage, sustainable reaction engineering, dynamics of volcanic systems, geothermal systems, natural ventilation flows from buildings, models of traffic movement dynamics, and oil, water and gas flows in porous rocks and issues associated with residual oil recovery.

Lucy Fielding is a doctoral student in metallurgy at the University of Cambridge. Her research is focused on the development of ultra high-strength steels that have potential uses for environment industries. She is also very involved in the Cambridge University Eco Racing solar car project as a design engineer. She is a Science, Technology, Engineering and Mathematics Network (STEM) ambassador and involved in outreach efforts to encourage young people to consider careers in science.

Megan Davies Wykes is a doctoral student completing a degree in fluid dynamical instabilities and turbulent mixing in the Department of Applied Mathematics and Theoretical Physics at the University of Cambridge. She has a degree in aeronautical engineering from the University of Cambridge and is a member of BlueSci.

Hugh Parnell is a finance professional who specialising in growing businesses with a particular interest in clean tech and clean energy. He is also the founder of the Cambridge Energy Forum and Chairman of Cambridge Cleantech. He is a non-executive director with the NW Brown Group in Cambridge and serves on the boards of a number of companies developing innovative solutions in the low-carbon sector.

Robin Nicholson CBE RIBA Hon FIAstructE is senior partner with Edward Cullinan Architects, with a special interest in HE buildings. He chairs The Edge interdisciplinary think tank created to look at new ways of improving the built environment, the Cambridgeshire Quality Panel and is a Non-Executive Director of NHBC. He has been a vice president of the Royal Institute of British Architects, Chairman of the Construction Industry Council, founding member of the Movement for Innovation Board, joint Vice-Chairman and Chair of the Zero Carbon (Schools) Task Force for CABE. He lectures extensively on energy-related matters.