



UNIVERSITÉ DE GENÈVE

**CENTRE UNIVERSITAIRE D'ÉTUDE
DES PROBLÈMES DE L'ÉNERGIE**

Bâtiment A – Battelle, Route de Drize 7 | CH-1227 Carouge
Tél. 022 379 06 61 | Fax 022 379 06 39

**CYCLE DE FORMATION
"ÉNERGIE ET ENVIRONNEMENT"**

SÉMINAIRE

**Long Run Energy Use and Prices in the U.K.
Seven Centuries of Energy Services**

Peter Pearson

Centre for Energy Policy & Technology (ICEPT),
Imperial College, London

jeudi 1^{er} décembre 2005 à 17h.15

Auditoire D 185 - Bâtiment D - Battelle
7, route de Drize
1227 Carouge

PROGRAMME DES PROCHAINS SÉMINAIRES :

Jeudi 15 décembre 2005 à 17h.15

Le barrage des Trois Gorges, A. Bezinge, ingénieur SIA, Sion

Jeudi 12 janvier 2006 à 17h.15

Energie dans un grand pays du Sud : le cas du Brésil, H.Q. Pinto Jr., UFRJ, Rio de Janeiro

Jeudi 26 janvier 2006 à 17h.15

Energie dans les pays en développement, J. Christensen, UNEP, Copenhague

Jeudi 9 février 2006 à 17h.15

Environnement, économie, éthique, J.P. Maréchal, Université de Rennes

❖ *The conference will be given in English* ❖
❖ *La conférence sera donnée en anglais* ❖

The Speaker

Dr Peter Pearson directs the Centre for Energy Policy & Technology (ICEPT) at Imperial College London. His research interests lie in the areas of energy, fuel and technology transitions and their environmental implications - from the historical development of UK and international energy markets, technologies and CO2 emissions, to alternative fuels and technologies for transport and power. He was chairman of the British Institute of Energy Economics in 1992 and 2002.

The Conference

In this talk Peter Pearson aims to show that there is some value in reflecting on the UK's long energy and environmental histories. He suggests that the UK's experience, initially through its access to stocks of fossil coal resources that freed it from the limitations of the energy flows available from an 'organic' economy, illustrates the role that adequate supplies of energy can play in a country's economic development and the ways in which energy transitions can occur even before rising prices signal the scarcity of a particular energy resource. Through the example of lighting services, his colleague Roger Fouquet and himself have also indicated how technological and other forms of innovation can lead to remarkable reductions in the costs and increases in the quality and attributes of energy services, such as illumination. They also point out that the UK did not manage seriously to address energy-related environmental issues until the twentieth century, and suggest the value of bringing different policy regimes together in long term attempts to pursue *sustainable* innovation in energy-related technologies and practices.

References:

- Fouquet, R. & Pearson, PJG (2003), 'Five Centuries of Energy Prices', *World Economics*, 4(3).
- Fouquet, R and Pearson, P J G (2006), 'Seven Centuries of Energy Services Light: the Price and Use of Light in the United Kingdom (1300-2000)', *The Energy Journal*, 27(2).

Tram 13, environ 20 minutes depuis la Gare, ou tram 12 depuis le centre ville, arrêt Rondeau de Carouge.