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City University Distinguished Lecture Series

Speaker

Professor Roger Cashmore
Chairman, UK Atomic Energy Authority



Sustainable Energy and a Sustainable Environment for the 21st Century: The Role of Nuclear Power Generation

on

Tuesday, 22 March 2016 at 4:30 pm

at

Connie Fan Multi-media Conference Room
4/F Cheng Yick-chi Building
City University of Hong Kong
Tat Chee Avenue, Kowloon

Abstract

There are many aspects to the provision of sustainable energy and a sustainable environment, nationally and globally, in the 21st century ranging over issues of energy sources, security of supply, demand and use, cost and climate change. A solution must exploit all of the available carbon 'free' technologies and Nuclear Generation, in its many varieties, can play a major role providing there is a sustained commitment to R&D in all areas internationally.

Biography

Professor Roger Cashmore was appointed Chairman of the UK Atomic Energy Authority in 2010. He is a Fellow of the Royal Society and in 2010 led the Royal Society working group on Nuclear Proliferation. He is a former Principal of Brasenose College in Oxford, and is a Professor of Experimental Physics in Oxford. Before returning to Oxford, he was Director of Research and Deputy Director General of CERN, the European high energy physics laboratory in Geneva, Switzerland, where he was responsible for the experimental programme at the Large Hadron Collider (LHC). Before leaving for CERN he was Chairman of Physics in Oxford and during his teaching and research career he has more than 200 publications in learned journals. He has been a Visiting Professor in Tsukuba in Japan, Brussels, Padua, Fermilab in the United States and holds an Honorary Doctorate from the Joint Institute of Nuclear Research in Dubna, Russia. He was awarded the C V Boys Prize of the Institute of Physics and a Research Award by the Alexander von Humboldt Foundation in Germany. In 2004 he was made a Companion of the Order of St Michael and St George (CMG) for services to international particle physics.

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http://www.cityu.edu.hk/vprt/distinguished_lecture_series/upcoming.htm

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