

Nuclear Safety and Risk Seminar

on

Nuclear Energy Developments for 2050

presented by

Mr Tony Roulstone

University of Cambridge, UK



Date: 10 June 2014 (Tuesday)

Time: 11 am

Venue: B4701, Academic 1, City University of Hong Kong

Registration:

For free registration, please send your name, affiliation and membership number (if available) to seoffice@cityu.edu.hk with email subject indicating “**Nuclear Energy Developments for 2050**” on a first-come-first-served basis (Quota: 43 persons)

For enquiries, please contact Ms Vivian LEE (email: seoffice@cityu.edu.hk)

ABSTRACT

Mr Tony Roulstone will talk about how the UK is recreating the skills and capabilities for the new generation of reactors which are to be built, both to replace old gas-cooled reactors and as part of ‘greening’ the UK energy system.

He will suggest that, in the context of 2050 carbon targets, the opportunity is more about the priorities for extending the capability of light water reactor technology to: achieve higher performance; reduce costs; burn nuclear waste and breed new fuel, rather than creating new types of reactor systems.

BIOGRAPHY

Tony Roulstone (MA Engineering) established the MPhil in Nuclear Energy programme in 2010 on his return to the University of Cambridge, where he teaches and conducts research in advanced nuclear systems. He is also an Adjunct Professor of Nuclear and Risk Engineering programme of CityU.

He received his degree in engineering from the University of Cambridge and has spent much of his career in the nuclear and aerospace industry. He was a project manager on Fast Reactor technology at UKAEA Dounreay from 1977-1980, before joining Rolls-Royce to design small water reactors, becoming Engineering and Projects Director in 1987 and subsequently Managing Director in 1992.

Also, he has worked widely at senior level across different industry sectors and he is a Fellow of the Institution of Mechanical Engineers.

Attendance/CPD Certificate will be provided

Co-organiser

