

Climate Change and Natural Resource Reduction Urgently Need Actions

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Abstract:

Clean growth is at the heart of the UK Government's Industrial Strategy and relies on the development, manufacture and use of low carbon technologies, systems and services that cost less than high carbon alternatives. Sustainable technologies and skilled engineers to address the global challenge of a low carbon future will be generated in a new Department of Chemical Engineering at the University of Southampton. Dr Ping Hua will in this talk to highlight the new Department of Chemical Engineering with complement the strengths and reputation of the Schools of Chemistry and Engineering, drawing on Southampton's innovative research in areas such as low-carbon technology, fine chemicals, green energy and water/wastewater engineering.



Dr Ping Hua was born in Wuxi, China and graduated in Physics from Soochow University, Suzhou, China. She obtained the PhD degree in Optoelectronics from the ORC, University of Southampton, UK. Ping came to the UK in Nov. 1989 and has been with the ORC since 1990 where she currently is working as a senior researcher. Her research interests include integrated optical waveguide-based sensors applied to biology, chemistry and environmental monitoring systems. Furthermore, she is involved with training and supervision of postgraduates and research staff in Cleanroom Technology.