

The Twelfth Professor

Roger W.H. Sargent

Lecture

Professor John Perkins FEng

The University of Manchester

Engineering the Future

Abstract: Engineering is an ancient art, but its professionalisation began towards the end of the 18th century, with the formation of institutions specialising in technical education sitting alongside the ancient universities, together with the foundation of engineering societies. The development of the disciplines and profession of engineering over the past two hundred years will be discussed in this lecture. On the basis of an analysis of this evolution, some personal views on the future of engineering research and education will be offered.

In the Chair:

Professor Stratos Pistikopoulos

Director

Centre for Process Systems Engineering

Vote of Thanks:

Professor David Bogle

Centre for Process Systems Engineering

and University College London

This event is sponsored by Air Products

To register your attendance, please contact
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Thursday 15 December 2005
17:30

Lecture Theatre 1
Department of Chemical
Engineering
South Kensington campus
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Biography: Professor Perkins was until recently Principal of the Faculty of Engineering and Courtaulds Professor of Chemical Engineering at Imperial College London. His academic career spans periods at Cambridge University and at the University of Sydney as well as Imperial College. He has industrial experience with Shell and with ICI, in the UK and in Australia, and has acted as a consultant in process control and process modelling and simulation for a number of companies around the world. He is the author of a number of authoritative reports and has managed several industrial consortia projects aimed at benchmarking and introducing advanced control methods into industrial practice. His research interests cover a number of facets of process systems, including process design, process control and process modelling and dynamic simulation. He is the author of around 200 papers, and he has supervised more than 30 successful PhD candidates. Professor Perkins is a Fellow of the Royal Academy of Engineering, the City and Guilds of London Institute, the Institution of Chemical Engineers and the Institute of Mathematics and its Applications. He is a Chartered Engineer, Chartered Mathematician and a Chartered Scientist.

