

**The University of Warwick
School of Engineering
ANDREW LITTLE LECTURE SERIES**



**Tomorrow's Process Manufacturing
Professor Roger Benson FEng
Benson Consulting Limited
Thursday, 4th November 2010 at 16:00
Room S.021, Social Studies Building**

Abstract

Process manufacturing is associated with formulas and manufacturing recipes, and can be contrasted with [discrete manufacturing](#), which is concerned with bills of material and routing. It has a key role in the food, beverage, oil, gas, chemical, pharmaceutical, consumer packaged goods and biotechnology industries. Often chemical reaction is involved. Unlike discrete manufacturing the basic processes have changed little over the years. The lecture will explore why that is the case; why it must change radically in the future and why engineers are key to that future.

Roger Benson:

Roger Benson is a graduate Chemical Engineer with an MSc and PhD in Process Control. During his long career in the Process Industries he held positions in ICI of Chief Engineer of Engineering Technology, Head of the Manufacturing Technology capability and Head of the Control / Electrical function. He also worked for ABB as the Technology Manager of ABB Analytics and Advanced Solutions. Since retiring from full-time employment he has had a number of Non Executive roles including Chairman of Perceptive Engineering.

Since 1994 he has been a judge for the UK Best Factory Awards visiting over 130 of the best manufacturing operations in the UK. In 1999 he was appointed a Fellow of the Royal Academy of Engineering. In 2008 he was a member of rae2008 Sub Panel 26 (Chemical Engineering). He is a Visiting Professor at two Universities and the Honorary President of CPACT. In 1999 he published the IChemE book on "Benchmarking Process Manufacturing". He has published over 50 papers and given many presentations on Innovation, Process Control, Benchmarking, World-class manufacturing and the future of the Process Industries.

Light refreshments will be available after the talk.

ALL WELCOME

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