

Cleveland Institution of Engineers Presidential Address Engineering a Lost Wax Casting



Paul Shelton

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**Tuesday 29th September 2009, 5:30pm
Centuria Building, Teesside University**

Paul Shelton the incoming President of the CIE for the 2009/10 season, graduated from the University of Bradford in Materials Science and undertook research into powder metallurgy high-speed steels for his Ph.D. Following a brief spell as a vacuum engineering consultant to Davy McKee, he was then engaged by AE Turbine Components as a Process Engineer to develop the vacuum brazing and heat treatment capability of its superalloy equiax and single crystal gas path components. After a spell responsible for European aerospace castings with AETC, Paul moved to become the Works Manager for a stainless steel fabricator engaged in the manufacture of bespoke catering equipment. Following completion of his PGCE at the University of Leeds, Paul moved to the University of Teesside to teach materials to engineering students. As well as a portfolio of teaching Paul has undertaken research into lost wax casting processes and supported many local Teesside manufacturing companies in a consultative role. Now Assistant Dean in the School of Science and Technology, Paul has responsibility for the School's outward facing activities, including work-based learning, student placements and distance learning in the UK and overseas.