

## **Dr R Pratt BA, BSc, PhD FIMMM, CEng**

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Bob Pratt has worked in powder metallurgy since 1985 and is currently employed as Research and Development Manager for PM valve seats, guides and turbocharger components by Federal Mogul Ltd.

His degree level education has consisted of an industry based 4 year metallurgy course at Sheffield Polytechnic, followed by 3 years working for British Steel Corporation as Blast Furnace Shift Manager. He moved to Sheffield University in 1980 to complete a PhD on the solidification of centrifugal castings sponsored by Firth Vickers Foundry, followed by one year post doc research working for RAE Farnborough on the rapid solidification of aluminium alloys.

In 1985 he joined Osprey (Sandvik) Metals Ltd and worked on both the spray deposition and gas atomising processes, and had been the Powder Production Manager for 3 years when he left in 1996 to join SG Magnets Ltd as Technical Director. He worked in various roles at SG Magnets before joining Federal Mogul Sintered Products Ltd as R&D Manager in 2008.

He has co-authored several technical papers and has been named on several patents.