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About

Dr Richard Greenwood is the Programme Manager for the Engineering Doctorate in Formulation Engineering and also Industrial Tutor.

Qualifications

- Fellow Royal Society of Chemistry
- PhD Chemical Engineering, Imperial College
- BSc Chemistry University of Bristol

Biography

Richard Greenwood graduated with a BSc in Chemistry from Bristol University and then went on to Imperial College, London to study for a PhD in Chemical Engineering. He then spent some time in Sweden and Italy as a visiting scientist as part of an EU project. On his return to the UK he worked at the Chemistry Department at Keele University before moving to the Chemical Engineering School at the University of Birmingham in 1999. He is the current chair of the IChemE Particle Technology Subject Group and secretary of the RSC Formulated Product Engineering Subject Group.

Teaching

- Colloids and Rheology
- Measurement Techniques
- Coniston Team building course

Postgraduate supervision

Supervision of PhD, MRes and EngD projects in Formulation Engineeering.

Research

Formulation and Formulation Engineering.

Other activities

- Chair IChemE Particle Technology Subject Group
- Secretary of the RSC Formulated Product Engineering Subject Group

Publications

1. The effect of particle size on the layer thickness of a stabilising polymer adsorbed onto two different classes of polymer latex as determined from rheological experiments. R. Greenwood, P.F. Luckham and T. Gregory, Colloids and Surfaces, 98, 117, 1995.

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16. Particle separation from gases using cross-flow filtration. V. Sibanda, R.W.Greenwood and J.P.K.Seville, Powder Tech. 118 (2001) 193 - 202

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18. Review of the measurement of zeta potentials in concentrated aqueous suspensions using electroacoustics. R.Greenwood, Advances in Colloid and Interface Science, 106 (2003) 55 -81

19. Microwave assisted comminution of ores ar economically viable energy inputs. S.Bradshaw, T.V.Chow, T.Chan, S.W.Kingman, K.Jackson, N.Rowson, R.Greenwood, Microwave and radio Frequency Applications The American Ceramic Society USA (2003) 247-258

20. Recent developments in microwave assisted comminution S.W.Kingman, K.Jackson, A.Cumbane, S.M.Bradshaw, N.A.Rowson, R.Greenwood, Int. J. Miner.Process 74,1-4, 71-83, (2004)

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patterens in vertical stirred media mills. SME Annual Meeting, Feb 2009, Denver Colarado.

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