

Martin Blunt

Head of the Department of Earth Science and Engineering at Imperial College, London.

After attaining his PhD in Theoretical Physics at Cambridge University on "The Growth and Properties of Fractal Boundaries" in 1988, Professor Martin Blunt worked as Research Physicist with BP at Sunbury-on-Thames before becoming Faculty Member of the Department of Petroleum Engineering at Stanford University in 1992. Since 1999 Professor Blunt is Professor of Petroleum Engineering at the Imperial College in London where he has become Head of the Department of Earth Science and Engineering in 2006.

Professor Blunt's research interests are in multiphase flow in porous media with applications to oil and gas recovery, contaminant transport and clean-up in polluted aquifers and geological carbon storage. He performs experimental, theoretical and numerical research into many aspects of flow and transport in porous systems, including pore-scale modeling of displacement processes, and large-scale simulation using streamline-based methods.

Prof Blunt is on the editorial boards of three international journals and has written over 100 scientific papers. He has been awarded Cambridge University's Clerk Maxwell and Ver Heyden de Lancey Prizes, BP's Tallow Chandlers Prize, the School of Earth Sciences at Stanford University Teaching Award, and in 2001 he was nominated Distinguished Lecturer of the Society of Petroleum Engineers and received the Society's "Cedric Ferguson Medal".