

Prof Martyn E Pemble

Prof Martyn Pemble received his BSc degree from the University of Southampton in 1976 and his PhD also from Southampton in 1981. His thesis research was in the area of surface enhanced Raman spectroscopy and was performed under the supervision of Professor Martin Fleischman (of cold fusion fame!)

Following this he undertook postdoctoral studies at the University of California at Irvine with Professor John Hemminger and the University of East Anglia in Norwich UK with Professor Norman Sheppard and Professor Michael Chesters, before being appointed as a 'New Blood' Lecturer in Physical Chemistry at the University of Manchester Institute of Science and Technology in 1984. In 1995 he was appointed to the Chair of Physical Chemistry at the University of Salford- a post, which he still holds on a part time basis.

In 2004 he was awarded a substantial grant by Science Foundation Ireland (SFI) to work at the Tyndall National Institute, University College Cork, as an SFI Investigator, where he now heads the Advanced Materials and Surfaces Group, see

<http://www.tyndall.ie/research/ams-group/index.html>

This group studies the areas of advanced CVD systems including surface catalysed CVD, the use of templated substrates in CVD growth/passivation (particularly of the III-V's) and synthetic photonic crystals based upon opaline systems. Prof Pemble has published approximately 160 papers in peer reviewed scientific journals and supervised some 30 PhD students and 10 Masters students. He is joint Managing Director of a University spin-out company, CVD Technologies Ltd (see www.cvdtechnologies.com), that provides expertise in the area of CVD process development and both small and high volume, continuous CVD coating. Prof Pemble lives with his wife and two children close to the sea in south Cork and in his spare time enjoys fishing and surfing.