Biography: Joan Lasenby

Joan Lasenby is a University Lecturer in the Department of Engineering and a College Lecturer and Director of Studies at Trinity College, Cambridge University. After graduating in mathematics from Cambridge, she did her PhD in Radio Astronomy in the Physics Department at Cambridge and, after a brief spell teaching mathematics in the US and another brief spell in Industry, eventually became an engineer. She held a Royal Society University Research Fellowship from 1994 to 2002. Her main interests lie in theoretical and applied developments in the use of the mathematical system of geometric algebra. Current areas of research include computer vision and robotics, image processing, motion capture and analysis, graphics and animation.