

**Speaker 3: Andrew J. Parker, Professor of Physiology, University of Oxford, United Kingdom**

**Andrew J. Parker** studied for an undergraduate degree (1973-6) in Natural Sciences at Cambridge University, specializing in Experimental Psychology. He continued with a PhD, studying visual form perception, also in Experimental Psychology, and in 1979 moved to Oxford with a Beit Memorial Fellowship to work on visual neurophysiology. In 1984, he was awarded a grant from the System Development Foundation to visit MIT to study computational vision with Tomaso Poggio and then appointed in 1985 to a faculty position in Physiology at Oxford University, where he set up a research group to study the links between the activity of single neurons and perception. He was awarded the title of Professor of Physiology at Oxford in 1996.

His research uses a range of techniques: from single neuron recording in the brain of awake, behaving animals, through functional magnetic resonance imaging to a virtual reality system. In recent years, he has been an Invited Visiting Scholar at the Getty Research Institute in Los Angeles (2002), where he lectured on the links between art and visual neuroscience, and a co-organizer of a Royal Society Discussion Meeting on the Physiology of Cognitive Processes (published 2003, Oxford University Press). He has held merit awards from the Royal Society: a Leverhulme Senior Research Fellowship 2004-5 and currently a Wolfson Research Merit Award. He is a Tutorial Fellow in Physiology at St John's College and is Director of the Oxford McDonnell Centre in Cognitive Neuroscience. He has been a regular contributor to the Oxford "Introduction to Scenarios" Programme.