



Department of Psychology
The University of Hong Kong

香港大學心理學系



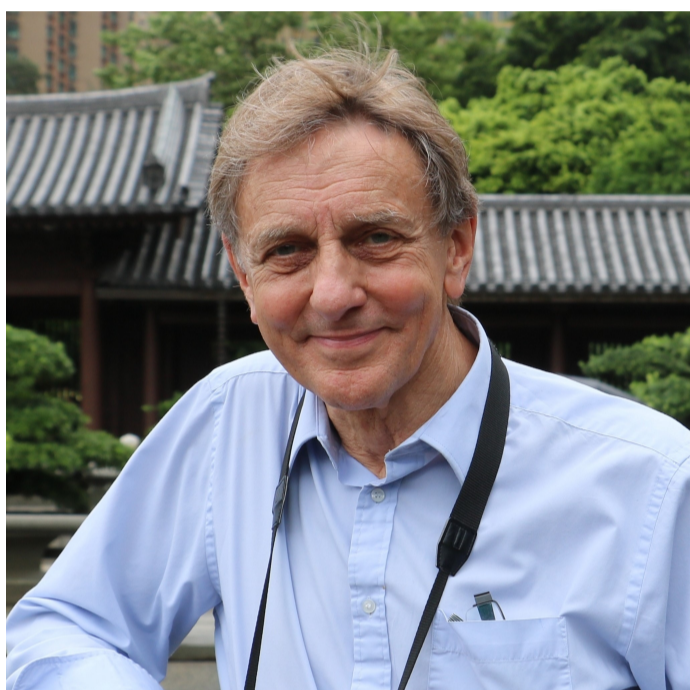
State Key Laboratory of Brain and Cognitive Sciences
(The University of Hong Kong)
腦與認知科學國家重點實驗室 (香港大學)

Departmental Seminar

Perception of Visual Space

11:30 a.m. – 12:30 p.m. | March 28, 2019 (Thursday)

Chamber, 11/F, The Jockey Club Tower | Centennial Campus | The University of Hong Kong



Professor Sir Colin Blakemore

Yeung Kin Man Chair Professor of Neuroscience
City University of Hong Kong

Emeritus Professor of Neuroscience
University of Oxford

Abstract

The retinal image, like a photograph or a precise figurative painting, is a two-dimensional projection of the world. But detecting the third dimension of that world is essential for understanding the shapes of objects, as well as the distances of everything around us. Our forward-pointing eyes give us the luxury of binocular stereoscopic vision, but if you close one eye, you can still perceive distance on the basis of information in the flat retinal image. As artists discovered in the Renaissance, the linear perspective of rectilinear objects, such as buildings, furniture and internal rooms, provides a compelling impression of the third dimension. How do our brains interpret perspective and integrate it with stereo vision? In this lecture, as in the history of this field, science is interwoven with the story of art and architecture.

~All are Welcome~

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