

Departmental Seminar

How do we understand what we see?

11:30 a.m. – 12:30 p.m. | October 18, 2016 (Tuesday)
CPD-2.58 | Central Podium Level | Centennial Campus
The University of Hong Kong



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Abstract

This talk describes a decade of research on object processing which charts the dynamic transformations from early perceptual representations through to understanding the meaning of an object. It goes beyond vision and argues that different kinds of semantic representations are developed over time, from early categorical [animals, tools] representations in the fusiform to object-specific [dog, hammer] representations in the perirhinal cortex. In doing so, it integrates models of vision with a feature-based cognitive model of semantics, and finds that feature-based models of object meaning provide a unifying set of principles which account for the different types of semantic representations of objects that evolve over time along the ventral stream.

~All are Welcome~