



THE SCHOOL OF SCIENCE & ENGINEERING PRESENTS...

Café Scientifique

Hey look – no camera shake: Compensation for eye movements in the human visual system.

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Our eyes are constantly moving and this causes the image of the world on the retina at the back of our eyes to move as well. Despite this retinal image motion we perceive a stable world around us. The world does not appear to jump and shake each time we move our eyes. How this happens is a long-standing mystery that has puzzled philosophers, perceptual psychologists and biologists for hundreds of years. We will discuss our current understanding of how the brain processes visual motion and how it is able to 'cancel' the effects of eye movements. The research can provide insights into some problems associated with mobility (for example, falls by elderly people). It also has application to the design of robot vision systems and for understanding the visual information used for driving and flying.



Tuesday 19 October, 7.30 pm

The Bank

Cnr Victoria and Hood Streets, Hamilton

*For more information about future Cafés in Hamilton, contact Marcus Wilson,
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