

**THE BRAIN AND
MIND INSTITUTE**



VISITING SPEAKER

Patrik Vuilleumier

(Laboratory for Behavioral Neurology and Imaging of Cognition, Department of Clinical Neurology & Department of Neuroscience, University Medical Center, & Swiss Affective Science Center, University of Geneva.)

“EMOTIONAL CONTROL OF PERCEPTION AND BRAIN STATES”

Emotions not only serve to assign a particular value to objects or events forming the content of consciousness, but can also directly influence perception and thus shape the content of consciousness and action. This talk will present an overview of functional neuroimaging studies in humans that contributed to show how sensory and motor processes can be modulated by the affective significance of stimuli. Furthermore, emotional events can also influence brain activity in a more sustained manner, with long-lasting changes in brain state and functional connectivity following transient emotions, and these effects may in turn influence the subsequent processing of other stimuli. These findings also have implications for our understanding and assessment of the neural mechanisms implicated in psychiatric disorders.

Date: Thursday, November 13, 2014

Time: 3:00 p.m.

**Location: Room 100,
Physics and Astronomy**

If you require information in an alternate format or if any other arrangements can make this event accessible to you, please contact Denise Soanes at dsoanes4@uwo.ca



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