

**WEBINARS**

# Webinar: André Fenton explores cognitive problems in autism

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18 NOVEMBER 2015



Here's how Fenton describes what he'll discuss during the session:

*In this webinar I will discuss the 'discoordination' hypothesis, in which a common pathophysiology underlies the failures of cognitive function observed in a variety of clinical conditions, including*

*autism. These failures include mental inflexibility and loss of cognitive control.*

*The hypothesis arises from the notion that neural computations within and between networks of cells depend on temporally coordinated neural activity, and that cognitive impairment emerges when this coordination is sufficiently aberrant. This neural coordination is thought to derive from inappropriate synaptic transmission that interferes with the ability of neurons to temporally organize their electrical discharge in certain ways. I will describe our approach to understanding cognition and cognitive dysfunction as a systems problem at multiple levels of biological organization.*