

Title: Lecture Series presented by KPMG - Sense from Chaos: Controlling the Dynamic Networks of the Brain

Date: Oct 23, 2009 04:00 PM

URL: <http://pirsa.org/09100025>

Abstract: Activity recorded from neurons in the brain often looks random or chaotic. How do we make sense of the world and produce precisely controlled responses when so much of the activity in our brains is chaotic? This talk will show how brain circuits can switch between chaotic and well-controlled patterns of activity, illustrating these points with computer demonstrations of network models. This talk will also discuss how chaotic activity may be useful for a healthy brain function and demonstrate what goes wrong when activity is insufficiently chaotic.

