



COLLOQUIUM SPEAKER SERIES

Mathematics & Computer Sciences

Monday, November 23

12:00-12:50 in W565



Dr. Masami Tatsuno

Department of Neuroscience
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Bio:

Research faculty, University of Arizona, 2005-2009
Postdoctoral researcher:
University of Arizona, USA, 2002-2005,
Lab. for Math. Neuroscience, Riken, Japan, 1999-2002
Ph.D., Applied Physics, Waseda University, Japan

Research interests:

Information processing in brain like systems,
modeling brain functions with neural networks,
brain signal analysis, and multi-electrode recording.

Introduction to computational neuroscience

Computational neuroscience is a field of neuroscience that aims to understand how information is represented and processed in the brain by modeling the nervous systems.

In this talk, I will give an overview of computational neuroscience and discuss how it provides useful concepts for understanding brain information processing, which is based on different computational principles than silicone-based computers.

Everyone is welcome!
Cookies and refreshments will be served.