

Seminar

Topics in Integrative Biology: Neural Engineering

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Key Numbers: ;

This course will survey recent developments in Neural Engineering through oral presentations and discussions of recent publications in the peer reviewed literature.

Date	Sample Topics
Sept 6	Organizational Meeting: Neurotechnology
13	Transcranial Magnetic Stimulation
20	Electronic Neurons
27	Artificial Muscle
Oct. 4	Biomimetic Robots: CPGs
11	Biomimetic Robots: Navigation and Orientation
18	Learning Machines
25	Functional Electrical Stimulation; BIONs
Nov. 1	Neuronal Protheses
8	Brain Machine Interfaces
15	Stem Cell Implants
22	<i>THANKSGIVING</i>
29	Deep Brain Stimulation
Dec. 6	Ethics of Neural Engineering
13	<i>Reading Day</i> <i>no Class</i>