



پژوهشگاه دانشهای بنیادی
پژوهشکده علوم شناختی

Title:

Decisions and Actions

Lecturer:

Dr. Reza Shadmehr

Johns Hopkins School of Medicine

www.ShadmehrLab.org

Description:

In this short-course, I will focus on the roles that the basal ganglia, superior colliculus, and the cerebellum play in decision-making and motor control. We will focus on control of saccadic eye movements. We will consider the role of reward in modulating activity in the basal ganglia, the role of spatial attention in selecting movements in the superior colliculus, and the role of on-line control in guiding the movements by the cerebellum. We will draw from neurophysiological data in non-human primates, and psychophysical data in humans.

Date:

Saturday, November 28, 2015

9:30-12:00

14:00-16:30

Venue:

School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM),
Opposite the ARAJ, Artesh Highway, Tehran, Iran.

Free registration