

Today's Roadmap

- The neuron doctrine (or dogma)
- Neuronal signaling
 - ✤ The electrochemical dance of ions
 - ↔ Action Potentials (= spikes)
 - ⇒ Synapses and Synaptic Plasticity
- Brain organization and anatomy
- Information processing in the brain
 - Focus on: Properties of neurons in the motor cortex and potential applications in BCI

R. Rao, 599E: Lecture 2

























































































