**The study of mind as machine using data from behavior, neuromaging, and phenomenology**

**Prof Protopappas**

In this lecture we will discuss the study of the mind as a branch of the natural sciences, linking theory and observation. We will consider three types of data, namely behavior, brain function, and self-report; each has a place and a particular role to play. Familiarity with the methods of a natural science will be useful; otherwise the lecture will be at the introductory level. You will participate in demonstration “experiments” in class, to illustrate some phenomena and basic methodological principles.

**Bibliography:**

a. Textbooks

Cognitive Science: An Introduction to the Science of the Mind, by José Luis Bermúdez

The Cambridge Handbook of Cognitive Science, by Keith Frankish and William Ramsey

b. General reading

Making up the Mind: How the Brain Creates Our Mental World, by Chris Frith

The Invisible Gorilla: How Our Intuitions Deceive Us, by Christopher Chabris and Daniel Simons

Brainwashed: The Seductive Appeal of Mindless Neuroscience, by Sally Satel and Scott Lilienfeld