Introduction to Neuroscience
(Core Neuroscience)
First term fall, September 30 – November 22, 2013

Instructors: Jozsef Csicsvari, Simon Hippenmeyer, Peter Jonas, Gaia Novarino, Ryuichi Shigemoto, Gasper Tkacik

Description:
The Introduction to Neuroscience course presents a basic introduction to Neuroscience. It will provide a basic introduction to Molecular and Developmental Neurosciences, Neuroanatomy, Cellular Neurophysiology and to subjects related to Systems Neuroscience, including sensory information coding in neuronal circuits, and dissections of brain systems involved in memory formation. Modern techniques used in Neuroscience are also discussed such as brain imaging techniques and optogenetics as well as computational approaches to analyze complex neuronal activity patterns.

Requirements and Exams:
Lectures and recitations (homework and exams TBA)

Schedule:
2 weekly 75min lectures Mondays and Wednesdays, 10:15-11:30AM, recitations Wednesdays, 11:30-12:20

Academic Credits:
3 ECTS

Website: http://pub.ist.ac.at/courses/AY1314/Intro2Neuro_F13/

This course starts on Monday, September 30, 2013 (10:15-11:30AM)
Seminar Room Mondi 3, IST Austria Central Building, 1st floor

The registration deadline for this course is Monday, September 23, 2013 via IST Austria’s online registration tool: http://ist.ac.at/graduate-school/courses/registration/.

This announcement is valid as a ticket for the IST Shuttle bus (#242) from and to Heiligenstadt Metro Station. Please find a schedule of the IST Shuttle on our webpage (note that the IST Shuttle times are marked in dark green): https://ist.ac.at/fileadmin/user_upload/pdfs/IST_shuttle_bus.pdf.
The IST Shuttle bus is marked "IST Shuttle" and has the Institute logo printed on the side.