

19 & 20 NOV
2014



NYU
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SHANGHAI
纽约大学

NYU-ECNU

Institute of Brain and Cognitive Science
at NYU Shanghai

BI-WEEKLY SEMINAR SERIES

Speaker:

Charles Gross

Topic I:

The Neuroscience of
Recognizing Faces: a Brief
History

Time:

1:00-2:30 PM, Wednesday
19 November 2014

Topic II:

Revolutions in Neuroscience

Time:

1:00-2:30 PM, Thursday
20 November 2014

Venue:

Room 385,
Geography Building,
3663 Zhongshan Road North,
Shanghai



BIOGRAPHY

Charles Gross is Professor of Psychology at Princeton University and at the Princeton Neuroscience Institute. As a neuroscientist, his research has focused on the role of the brain in vision and how we recognize objects and human faces. He has written *Brain, Vision, Memory: Tales in the History of Neuroscience* and *A Hole in the Head: More Tales in the History of Neuroscience*. He is currently working on the consideration of ethical problems raised by developments in neuroscience.

ABSTRACT OF THE TALKS

Topic I: The Neuroscience of Recognizing Faces: a Brief History

The study of the neural basis neuroscience of face perception processing the facial image is a major research interest today. In this talk, Charles Gross describes the discovery of neurons selective for faces and current lines of research on the physiology of face processing. Charles Gross has been a pioneer in this field.

Topic II: Revolutions in Neuroscience

In the history of neuroscience there have been a number of developments that involved radical and permanent changes in fundamental assumptions about the nervous system and in strategies for studying it. These have been called Revolutions. Charles Gross discusses several of these "revolutions" from the Pre-Socratic philosophers (6th Century, B.C.E.) to the discovery of adult neurogenesis at the end of the 20th century.

