

Passion: From Drives to Emotions and a New Sociality

Motivation and emotion are the motors of action. Comparing the neurobiology of how humans and other primates act upon, produce, and communicate emotion, grounds assessment of becoming human.

November 4, 2008 5:30 pm HNB 100 (also screened at RTH 105)



Language and Mirror Neurons: Evolved and Still Evolving

The Mirror System Hypothesis grounds our capacity for language in ancient systems for the control and recognition of hand actions, and offers new insights into thought, language and emotion.

November 6, 2008 5:30pm HNB 100

BECOMING HUMAN

~ ACTION, PASSION AND ULTIMACY ~

Templeton Research Lectures 2008

MICHAEL ARBIB



Passion, Reason and Creativity

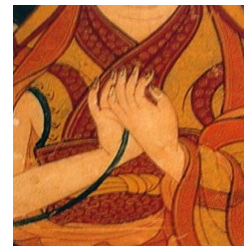
To what extent do thinking and language characterize the way brains work? The emotional aspects of visual and embodied metaphors may bring us closer to understanding how passion drives creativity.

November 11, 2008 5:30pm HNB 100

Morality: Primate Trait, Cultural Invention, or Given by God?

Must moral systems be rooted in religion & "experiences of ultimacy" or in our primate ancestry or historical adaptations of empathy to the evolving complexity of human societies?

November 13, 2008 5:30pm HNB 100



MICHAEL ARBIB works at the interface between computer science and neuroscience, modeling the brain mechanisms which support action and perception and the evolutionary basis they provide for language. The present lectures combine his scientific work with the philosophical themes he first developed at length with Mary Hesse in *The Construction of Reality*, their Gifford Lectures in Natural Theology at the University of Edinburgh in 1983.

Dr. Arbib is Fletcher Jones Professor of Computer Science and a University Professor of USC, as well as a Professor of Biological Sciences, Biomedical Engineering, Electrical Engineering, Neuroscience and Psychology.

ALL ARE INVITED

VENUE: Hedco Neurosciences Auditorium, **HNB 100** (all talks)
Live screening at RTH 105 on Nov 4.

TIME: 5:30 pm (all talks)
Reception follows on Nov 6 & 13

FOR MORE INFORMATION:
Contact Arvind Iyer,
arvindiy@usc.edu