

Michael ARBIB

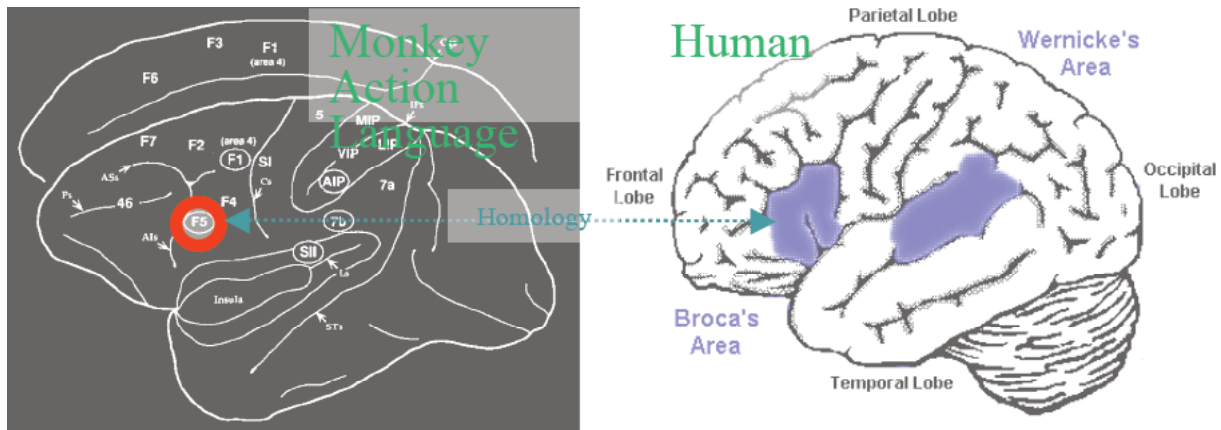
Vendredi 24 juin 2005

Conférence de clôture

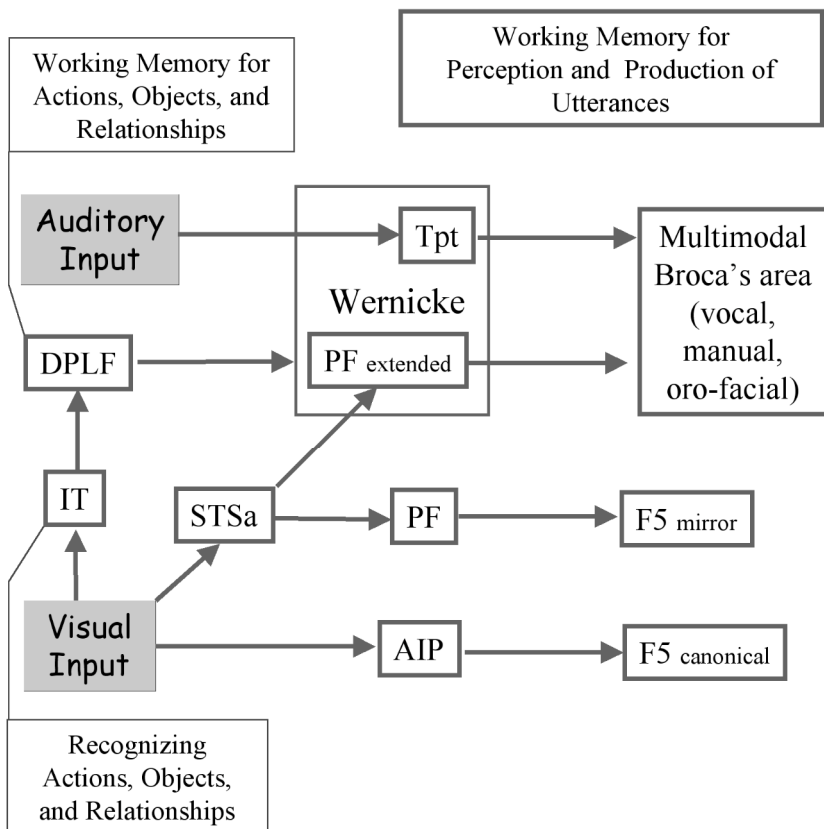
15h00 – 15h45

From Action to Language: The Challenge of Linking Dynamics and Symbols

For the closing talk, Michael Arbib will illustrate the challenge of integrating mathematical and cognitive neuroscience by presenting the Mirror System Hypothesis for the evolution of the language-ready brain from more basic systems for the generation and recognition of hand actions.



Michael ARBIB
USC Brain Project
Director
University of Southern California
3614 Watt Way # 03
Los Angeles, CA90089-2520
Tel: (213) 740 9220
Fax: (213) 740 5687
Email: arbib@pollux.usc.edu
arbib@pollux.usc.edu



Protospeech (basis for speech)

From Imitation to
Describing Actions, Objects, Relationships

Protosign (basis for sign language)

Recognizing an Action

Choosing an Action