

Neural Coding in Different Sensory Modalities

6th July 2005

Organisers:

Tim C. Pearce & Rodrigo Quian Quiroga

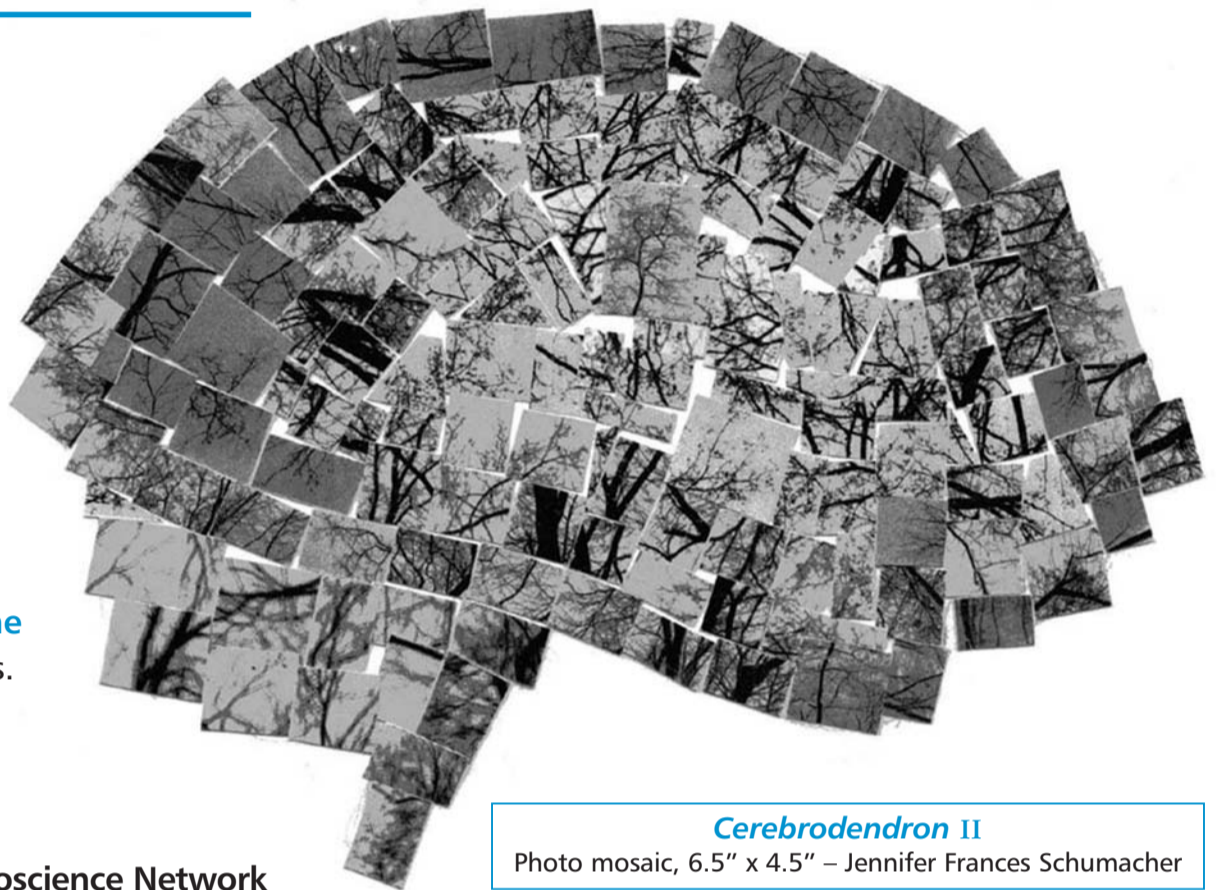
Travel Information and Registration

Workshop will take place on the 1st floor of the Department of Engineering, University of Leicester.

Registration and lunch will be free – if you intend to come along please register on website:

http://www.amoth.le.ac.uk/neurolab_sharepoint/meetings/neural_coding_ws.aspx for catering purposes.

Maps are also available online.



Cerebrodendron II

Photo mosaic, 6.5" x 4.5" – Jennifer Frances Schumacher

This workshop is supported by the Theoretical Neuroscience Network

Schedule	
9:30 - 10:00	Coffee on mezzanine - 1st floor Department of Engineering
10:00	Rodrigo Quian Quiroga (Leicester) <i>Introduction and scope</i>
10:15	Simon Laughlin (Cambridge) <i>Energy, Information and Neural Circuit Design</i>
11:05	Peter Foldiak (St. Andrews) <i>Selectivity Description by Automated Search and Optimization for Sensory Neurons.</i>
11:55	Tim Pearce (Leicester) <i>Neural Coding and Extreme Olfactory Sensitivity Enhancement in the Moth</i>
12:45 - 2:15	Buffet lunch on mezzanine - 1st floor Department of Engineering
2:15	Berthold Hedwig (Cambridge) <i>Pulses, Patterns, Paths: Auditory Processing in Crickets</i>
3:05	Andy King (Oxford) <i>Neural Coding for Auditory Space: From Maps to Spike Timing</i>
3:55	Coffee on mezzanine - 1st floor Department of Engineering
4:10	Stefano Panzeri (Manchester) <i>The Role of Spike Timing in Cortical Coding of Somatosensory Stimuli</i>
5:00	Tim Pearce (Leicester) <i>Roundtable on general neural coding principles</i>
5:45	Drinks and discussion at venue to be announced on the day



University of
Leicester