Computational Neuroscience: Vision

Tentative Lecture Schedule (April 10th, 2008)

Date	Slot	Topic(s)	Lecturer(s)
Fri, June 20	AM	Intro	Horwitz, Boynton & Treue
	PM	What vision (and this course) is all about	Tony Movshon
	Evening		
Sat, June 21	AM	Trichromacy	David Brainard
	PM	Linear systems	Eero Simoncelli
	Evening		
Su, June 22	AM	LNP models/contrast gain control	E.J. Chichilnisky
	PM	Retinal population codes	E.J. Chichilnisky
	Evening	Image statistics	Eero Simoncelli
Mo, June 23	AM	Adaptation/LGN	Matteo Carandini
	PM	LGN coding & natural scene statistics	Pam Reinagel
	Evening		
Tu, June 24	AM	V1/White noise analysis	Greg Horwitz
	PM	Models of V1/MT	David Heeger
	Evening		
Wed, June 25	AM	V1 receptive fields	David Heeger
	PM	Stereo Vision: physiology	Andrew Parker
	Evening		
Thu, June 26	AM	Population coding/decoding	Bart Krekelberg
	PM	fMRI in the LGN and V1	Geoff Boynton
	Evening		
Fri, June 27	AM	fMRI: advanced methods	Frank Tong
	PM	Observed Brain Dynamics	Partha Mitra
	Evening		
Sat, June 28		*Day off*	
Su, June 29	AM	Motion modeling	Eero Simoncelli
	PM	MT physiology	Alex Thiele
	Evening		
Mon, June 30	AM	Attenion physiology	Stefan Treue
	PM	Attention psychophysics	Marisa Carrasco
	Evening		
Tu, July 1	AM	Pattern vision and natural scenes	Bill Geisler
	PM	Cortex: Ventral stream, form vision	Anitha Pasupathy
	Evening		
We, July 2	AM	Decisions, choice and neuroeconomics	Josh Gold
	PM	*Break*	
	Evening	Study time	
Thu, July 3	AM	Project presentations / Wrapup discussion	