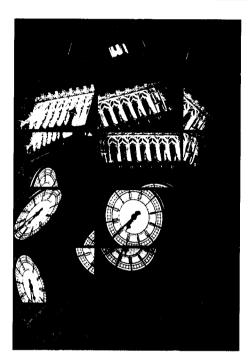
# TRENDS in Cognitive Sciences



How do we recognize whole objects, and where in the brain are objects represented? On parget 1/6, Rafael Malach and colleagues explore the cortical topography of object areas in humans, and provide evidence that object categories whose recognition requires large-scale integration, such as buildings, are represented in different parts of the cortex from objects that require analysis of fine detail, such as faces. Design by Geraldine Woods.

# Opinion

157 Motion integration during motion aftereffects

Zoltán Vidnyánszky, Erik Blaser and Thomas V. Papathomas

# Review

- 162 Episodic memory and cortico-hippocampal interactions Lokendra Shastri
- 169 Genetics and general cognitive ability (g)

Robert Plomin and Frank M. Spinath

176 The topography of high-order human object areas

Rafael Malach, Ifat Levy and Uri Hasson

# Research Update

Research News

147 From synaptic errors to thalamocortical circuitry
Terry Elliott

#### Meeting Report

- 149 Fixing unsaid meanings Rodrigo Agerri
- 150 Plumbing semantic depths in Amsterdam Simon Garrod and Massimo Poesio

# **News & Comment**

http://tics.trends.com

152 Journal Club

**April 2002** Vol. 6, No. 4 pp. 147–187

Seeing patterns in human visual cortex James Ingram

Left hemisphere discourse? Edith Kaan

Probing perceptual asynchrony Lauren Stewart

154 In Brief

Size isn't everything • Recording rat's dreams • Who's a clever boy then? • While baby is sleeping... • Orgasmic aura

Letters

155 Social cognition and primacy of movement revisited Shaun Gallagher, Jonathan Cole and David McNeill

# **Forum**

Science and Society

185 Sperm control Henry Nicholls

**Book Review** 

- 186 Hemispheric Asymmetry: What's Right and What's Left (edited by Joseph B. Hellige) Michael W. O'Boyle
- 187 The Madness of Adam and Eve: How Schizophrenia Shaped Humanity by David C. Javitt
  - vi Conferences & Classifieds

# Forthcoming articles

Visual motion and perceived position David Whitney

Imaging the temporal lobe

James Brewer and Abhay Moghekar

The computational modelling of analogy-making Robert French

**Paying attention to consciousness**John G. Taylor