

Contents

Preface	ix
Participants	xvii
Group Photo	xx
I Association Lecture	1
1. Hypermnesia, Incubation, and Mind Popping: On Remembering without Really Trying <i>George Mandler</i>	3
II Visual Processes	35
2. Visual Perception and Visual Awareness after Brain Damage: A Tutorial Overview <i>Martha J. Farah</i>	37
3. The Organization of Sensory Motor Representations in the Neocortex: A Hypothesis Based on Temporal Coding <i>Wolf Singer</i>	77
4. The Role of Parallel Pathways in Visible Persistence <i>C. A. Marzi, M. Girelli, G. Tassinari, L. Cristofori, A. Talacchi, M. Gentilin, and G. Marchini</i>	109
5. Motor Responses to Nonreportable, Masked Stimuli: Where Is the Limit of Direct Parameter Specification? <i>Odmar Neumann and Werner Klotz</i>	123
III Face Recognition	151
6. Conscious and Nonconscious Recognition of Familiar Faces <i>Andrew W. Young</i>	153
7. Repetition Priming of Face Recognition <i>Vicki Bruce, Mike Burton, Derek Carson, Elias Hanna, and Oli Mason</i>	179

8. Structural and Functional Organization of Knowledge about Faces and Proper Names: A Positron Emission Tomography Study <i>Justine Sergent, Brennan MacDonald, and Eric Zuck</i>	203
IV Spatial Attention	229
9. Space and Selective Attention <i>Giacomo Rizzolatti, Lucia Riggio, and Boris M. Sheligal</i>	231
10. Multiple Sources of Spatial Information for Aimed Limb Movements <i>Richard A. Abrams, Linda Van Dellen, and Vicki Stemmons</i>	267
11. Visual Attention and the Control of Eye Movements in Early Infancy <i>Mark H. Johnson</i>	291
12. Spatial Synergies between Auditory and Visual Attention <i>Jon Driver and Charles J. Spence</i>	311
13. Does Oculomotor Readiness Mediate Cognitive Control of Visual Attention? Revisited! <i>Raymond M. Klein and Amanda Pontefract</i>	333
14. Object-Based Attentional Mechanisms: Evidence from Patients with Unilateral Neglect <i>Marlene Behrmann and Steven P. Tipper</i>	351
15. Awareness of Contralesional Information in Unilateral Neglect: Effects of Verbal Cueing, Tracing, and Vestibular Stimulation <i>Giuseppe Vallar, Maria Luisa Rusconi, and Edoardo Bisiach</i>	377
V Control Processes	393
16. Multiple Levels of Control Processes <i>Tim Shallice</i>	395
17. Shifting Intentional Set: Exploring the Dynamic Control of Tasks <i>Alan Allport, Elizabeth A. Styles, and Shulan Hsieh</i>	421
18. Progress in the Use of Interactive Models for Understanding Attention and Performance <i>Jonathan D. Cohen and Therese A. Huston</i>	453
19. Interhemispheric Control in the Normal Brain: Evidence from Redundant Bilateral Presentations <i>Eran Zaidel and Janice Rayman</i>	477

20. Of Cabbages and Things: Semantic Memory from a Neuropsychological Perspective: A Tutorial Review 507
Eleanor M. Saffran and Myrna F. Schwartz
21. Category Specificity and Informational Specificity in Neuropsychological Impairment of Semantic Memory 537
Giuseppe Sartori, Max Coltheart, Michele Miozzo, and Remo Job
22. Semantic Processing of Ignored Stimuli: The Role of Attention in Memory 551
Shlomo Bentin

23. The Effect of Orthographic-Semantic Systematicity on the Acquisition of New Words 571
Jay G. Rueckl and Itiel E. Dror

24. Semantic Effects on Syntactic Ambiguity Resolution: Evidence for a Constraint-Based Resolution Process 589
Patrizia Tabossi, Michael J. Spivey-Knowlton, Ken McRae, and Michael K. Tanenhaus

VII Explicit and Implicit Memory 617

25. Memory without Conscious Recollection: A Tutorial Review from a Neuropsychological Perspective 619
Morris Moscovitch, Yonatan Goshen-Gottstein, and Ellen Vriezen

26. Measuring Recollection: Strategic versus Automatic Influences of Associative Context 661
Larry L. Jacoby

27. Explicit and Implicit Memory: A Decade of Research 681
Peter Graf

28. Acquiring General Knowledge from Specific Episodes of Experience 697
Thomas H. Carr, Dale Dagenbach, Debra VanWieren, Laura A. Carlson Radvansky, Ann Janette R. Alejano, and Joseph S. Brown

29. A Connectionist View on Dissociations 725
R. Hans Phaf, Nico M. Mul, and Gezinus Wolters

VIII Explicit and Implicit Learning 753

30. Implicit Learning: Twenty-Five Years On. A Tutorial 755
Dianne C. Berry

31. The Representation of Structure in Sequence Prediction Tasks <i>Axel Cleeremans</i>	783
32. Learning from Complex Rule-Governed Environments: On the Proper Functions of Nonconscious and Conscious Processes <i>Pierre Perruchet</i>	811
33. A Critical Examination of the Evidence for Unconscious (Implicit) Learning <i>David R. Shanks, Robin E. A. Green, and Jonathan A. Kolodny</i>	837
34. Implicit Learning in Neural Networks: The Importance of Starting Small <i>Jeffrey L. Elman</i>	861
35. Recognition, Categorization, and Perceptual Learning (or, How Learning to Classify Things Together Helps One to Tell Them Apart) <i>I. P. L. McLaren, H. J. Leevers, and N. J. Mackintosh</i>	889
Author Index	911
Subject Index	933