

**European Society
for Cognitive Psychology**

PROGRAMME COMMITTEE: G.B. Flores D'Arcais (President of the Society), P.T. Smith (Secretary of the Society), J. Engelkamp, C.A. Umiltà, M. Olivetti Berardinelli (President of the local organising committee).

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**VIII Conference
September 23-27, 1995
Rome**

Programme

PROGRAMME

LECTURE ROOM A

SATURDAY 23 September

16.30 Opening addresses

17.00 *BROADBENT LECTURE*
Perception and Action Planning
Wolfgang Prinz

18.30 **Concert of the Physics Students, directed by Prof. P. Camiz**

19.00 **Reception**

SUNDAY 24 September

9.30 **Symposium: The Cognitive Neuroscience of Visual Cognition**

TA **The hemispheric specialisation of semantic priming of face recognition**
T. Brennen

10.00 **On the separability of face identification, lipreading and expression analysis in normal subjects**
R. Campbell, B. Brooks & E. de Haan

10.30 **Spatial frames of reference in hemineglect: hemineglect in back space**
G. Vallar, C. Guariglia, D. Nico & E. Bisiach

11.00 **COFFEE BREAK**

11.30 **Voluntary control of visual-semantic processing: a PET study**
Alan Allport

12.00 **Neuroimaging visual cognition**
G. Mulder, A.A. Wijers, J.J. Lange, L.J.M. Mulder & J.B.P. Veldman

12.30 **On the relationship between visual attention and the control of saccadic eye movements**
H. Deubel & W.X. Schneider

13.00 **LUNCH**

LECTURE ROOM B

9.30 **Collaboration and Memory: Effects of collaborative retrieval on different memory tasks**
Jan Andersson & Jerker Rönnerberg

10.00 **Exploring The Stability of Autobiographical Memories**
Stephen J. Anderson

10.30 **Sources of accuracy in memory for the time of everyday events**
Steen F. Larsen

11.30 No paper

12.00 **Memory for to-be-performed actions versus memory for performed actions**
Johannes Engelkamp

12.30 **The sensory match effect in recognition memory: perceptual fluency or episodic trace?**
Joan Gay Snodgrass

LECTURE ROOM C

SUNDAY 24 September

9.30 **The time course of causal consequence inferences**
Nathalie Aguilar & Guy Denhière

10.00 **Spatial coding as an index of integrative operations during reading**
T. Baccino & J. Pynte

10.30 **Grammatical gender and semantic gender. Pronoun resolution for functionally ambiguous words in Italian**
Cristina Cacciari, Cristin Barbolini Cionini & Manuel Carreiras

✗ 11.30 **Reading times distribution and reading efficiency**
José M. Diaz & Manuel de Vega

✗ 12.00 **Working memory and the processing of anaphoric pronouns in 10-year-old children**
M.-F. Ehrlich, A. Seigneuric, J. Oakhill, N. Yuill & A. Garnham

✗ 12.30 **Text comprehension and illustrations: memory of a mental model**
Valérie Gyselinck

LECTURE ROOM D

! ✗ 9.30 **Mechanisms of associative and pseudoassociative priming.**
Georgiye Lukatela & Michael T. Turvey

!! ✗ 10.00 **The role of serial letter position during visual word processing of long words**
Stéphanie Mathey & Daniel Zagar

10.30 **A new paradigm for studying the role of letters during visual word recognition**
Valérie Scrève-Buzanet & Daniel Zagar

11.30 **Word priming in sentence comprehension: an explanation of the lack of priming effect obtained by Sharkey & Sharkey (1992)**
Isabelle Tapiero & Rémy Versace

12.00 **The consistency effect in naming pseudowords depends on list composition**
Remo Job & Francesca Peressotti

12.30 **Diving into the spelling lexicon to different orthographic depths: A cross-linguistic comparison of interacting sources of information in spelling**
Zofia Kaminska, Peter Mayer & Maureen Dixon

⇒ *inside*
effectively
boundary effects
 - *perceptual (no marking)*
 - *lexical (post-perceptual)*

SUNDAY (continued)

LECTURE ROOM A

14.30 Symposium: The Cognitive Neuroscience of visual cognition (continued)

Object-based selection and extinction: ventral competition for selection

G. Humphreys, C. Romani, A. Olson & J. Riddoch

15.00 Neural mechanisms for selective attention in the primate occipito-temporal stream of cortical visual processing

Leonardo Chelazzi

15.30 Neuronal responses in the upper superior temporal sulcus during stimulus and non-stimulus related decisions

A. Thiele, A. Wachnowski, J. Langkau & K.P. Hoffmann

16.00 Integrated brain systems in visual attention

John Duncan

16.30 COFFEEBREAK

X 17.00 Visual attention, visual short-term memory and the construction of temporary objects

W.X. Schneider

17.30 Discussant

Claus Bundesen

(End of symposium)

18.00 INVITED LECTURE

Spoken word recognition: a stage-processing approach to language differences

Régine Kolinsky

X 19.00 Business Meeting

4-8
st-in
G.M.
winning

LECTURE ROOM B

14.30 Future oriented attending: effects of implicit knowledge of the temporal structure of an event on its perceived duration

Gino De Vooght, André Vandierendonck & Koen Van der Goten

15.00 Visually induced interference in the execution of hand movements

Birgit Stürmer

15.30 Visual working memory and mental transformations

Herbert Hagendorf, Birgit Sá & Stefan Fischer

X !!
o

16.00 Interfering with working memory's central executive by repetition and generation of random time intervals

André Vandierendonck, Gino De Vooght & Koen Van der Goten

attempt to be
reduced
interference with
performance on
syntax - syntax
and speed tasks

17.00 Stimulus independent thoughts and central executive suppression

Koen Van der Goten & Els Stuyven

17.30 The influence of stress on matching to sample performance in humans

Glyn Goodall, Lucile Capuron & André Charles

SUNDAY (continued)

LECTURE ROOM C

- 14.30 **Literal and intended meanings in the comprehension of ironic utterances in Spanish**
José M. Igoa, Valle Flores & Mercedes Belinchon
- 15.00 **Locus and time course of inhibitory processes in word identification and sentence reading**
Frédéric Lavigne-Tomps, Françoise Vitu & Danièle Dubois
- 15.30 **Levels of encoding and conscious experience in the stem completion test**
M. Victoria Sebastian & Julio Menor
- 16.00 **Spatial models following verbal descriptions of fictitious environments**
A.M. Longoni, T.G. Scalisi, A. Bosco, L. Sardone & S. Filomena
- 17.00 **The role of conjunctions in text understanding**
L.G.M. Noordman & W. Vonk
- 17.30 **The identification of idiomatic expressions during speech comprehension**
Patrizia Tabossi

LECTURE ROOM D

- 14.30 **Morphological aspects of language processing**
Laurie Beth Feldman
- 15.00 **Semantic processing and morphological processing: which comes first?**
Ram Frost, Kenneth Forster & Avital Deutsch
- 15.30 **Masked orthographic and phonological priming effects in Arabic**
Mohamed Farid & Jonathan Grainger
- 17.00 **Using repetition priming to examine representational processes in face and object recognition**
V. Bruce, A.M. Burton & D. Carson
- 17.30 **The wordlikeness effect in nonword repetition: an index of bilingual type?**
Susan E. Gathercole & Annabel Thorn

MONDAY 25 September

LECTURE ROOM A

- 9.00 **Symposium: Memory & Awareness**
Memory awareness as an index of learning
Martin A. Conway, Stephen A. Anderson & Tim Perfect
- 9.30 **Process dissociation procedure: handle with care!**
Riccardo Russo
- 10.00 **Towards a theory of false memory**
Alan Parkin
- 10.30 **COFFEE BREAK**
- 10.45 **Poster Session A**
- 11.45 **Symposium: Memory & Awareness (continued)**
Dissociating unconscious memory from involuntary conscious memory
Alan Richardson-Klavehn
- 12.15 **Measures of conscious awareness in memory for proper names**
R.I. Java & G.M. Cohen
- 12.45 **Knowing but not remembering**
Timo Mäntylä

(End of symposium)
- 13.15 **LUNCH**

LECTURE ROOM B

- 9.00 **Do readers represent protagonists' beliefs and belief-based emotions?**
M. de Vega, J.M. Diaz & I. Leon
- 9.30 **Resolving syntactic ambiguity in a second language**
C. Frenck-Mestre & J. Pynte
- 10.00 **The use of morphology in establishing co-references: a distinction between gender and number information**
Marica De Vincenzi, Elisa De Domenico & Emanuela Bellini
- 11.45 **Does "nap" prime "pen"? On the ordering of sounds in speech production**
A.S. Meyer
- 12.15 **Role of linear order, length, frequency and repetition in planning morphophonological forms in speech production**
Ardi Roelofs
- 12.45 **The role of attention in reading**
Françoise Vitu, Walter Schroyens, Benedicte Lowick & Marc Brysbaert

MONDAY 25 September

LECTURE ROOM C

- 9.00 **Do confidence judgments of procedural knowledge give rise to underconfidence?**
Carl Martin Allwood, Pär-Anders Granhag & Rez Shirazi
- 9.30 **Effects of expertise on forecasts and confidence in forecasts**
Peter Ayton & Dilek Onkal
- 10.00 **Confidence judgment and calibration analysis for expert probabilistic reasoning**
Maria Jose Gonzalez Labra, Isabel Artieta Pinedo & Jacinto Ceacero Cubillo
- 11.45 **Hindsight bias in locating cities on a map**
Markus Eisenhauer
- 12.15 **No evidence for the impact of self-presentation motives on hindsight-biased recollections**
Ruediger F. Pohl
- 12.45 **Self-control in risky decision-making**
Marcus Selart, Niklas Karlsson & Tommy Gärling

LECTURE ROOM D

- 9.00 **Selection by colour and form in vision**
M. Boucart & G. W. Humphreys
- 9.30 **Is dynamic search for features from different dimensions modular?**
Asher Cohen
- 10.00 **The effects of retinal eccentricity in visual search**
Mieke Donk
- 11.45 **Visual attention and the selection of manual responses**
Bernhard Hommel & Werner X. Schneider
- 12.15 **Locational expectation in visual search**
Joachim Hoffmann
- 12.45 **The roles of stimulus degradation versus resource limitation in selective visual attention**
Nilli Lavie

TUESDAY 26 September

LECTURE ROOM A

9.00 **Symposium: Visual Word Recognition**

Tutorial

Jonathan Grainger

9.30 **Reading habits and the structure of the internal representation of letters presented in strings of letters**
Tatjana A. Nazir & Marie Montant

10.00 **Letter position coding in visual word recognition**
Francesca Peressotti

10.30 **Pseudohomophone disadvantage in a graphemic task: evidence for phonological constraints in visual word recognition**
Johannes C. Ziegler & Arthur M. Jacobs

11.00 **COFFEE BREAK**

11.30 **The role of syllabic neighbours in visual word recognition**
Manuel Carreiras & Manuel Perea

12.00 **Serial processing in reading printed words**
Alain Content, Marielle Lange & Ronald Peereman

12.30 **Visual word recognition: trends in research on morphographic processing**
Alessandro Laudanna

Discussant

Arthur Jacobs

(End of symposium)

13.00 **LUNCH**

LECTURE ROOM B

9.00 **Theory and data of a lawful dependency in successive episodic tests**
Sverker Sikström

9.30 **Relationships between recognition and recall in paired-associate learning**
Arild Lian & Arnold L. Glass

10.00 **Integration and extension: A new process dissociation measurement model and its empirical evaluation**
Axel Buchner

10.30 **Attentional demands of serial pattern learning**
Dieter Nattkemper

11.30 **The learning of sequential stimulus patterns as a result of response-effect learning**
Michael Ziessler

12.00 **Implicit learning: Neither abstract nor based on exemplars**
Axel Cleeremans

12.30 **An investigation of the Tip-of-the-Tongue phenomenon in Italian**
P.S. Bisiacchi, G. Vigliocco & T. Antonini

TUESDAY 26 September

LECTURE ROOM C

- 9.00 **Identifying degraded stimuli in pure and mixed blocks: evidence for stimulus-driven shift costs**
Sander Los
- 9.30 **Effects of the retinal locus of global and local information on the transition from global to local dominance**
Dolores Luna & José M^a Merino
- 10.00 **Individual differences in selective attention, automaticity, and global versus local processing**
Edward Necka
- 10.30 **The size of the Simon effect as a function of spatial cueing of direction and amplitude**
Thomas H. Stoffer
- 11.30 **Is perceiving the word necessary for the Stroop effect?**
Joseph Tzelgov, Ziv Porat & Avishai Henik
- 12.00 **A model of visual extinction**
Hitomi Shibuya & Palle Moeller Pedersen
- 12.30 **Semantic processing in the absence of word reading: evidence from neglect dyslexia**
Elisabetta Ladavas, Tim Shallice & Chiara Nanni

LECTURE ROOM D

- 9.00 **Syllogistic reasoning with mental models: the basic component skills**
Monica Bucciarelli
- 9.30 **Explicit models and disjunctive alternatives**
Simon Handley & Ruth Byrne
- 10.00 **Reasoning from double conditionals: the interaction between content and structure**
J.A. García Madruga, C. Santamaría & P.N. Johnson-Laird
- 10.30 **The knowledge of internal processes as a sub-domain of naive biology: an investigation of mental representations in nine-year-old children**
Maria Grazia Strepparava
- 11.30 **Hypothesis testing: when random increases disconfirmations**
Jean-Paul Caverni & Claude Bastien
- 12.00 **Reasoning with "unless" in the selection task**
W. Schaeken, J.A. Garcia-Madruga & G. d'Ydewalle
- 12.30 **Order effects in abductive reasoning**
Josef F. Krells

TUESDAY (continued)

LECTURE ROOM A

- 14.30 **Two processes, not one in reading aloud: a dual-process connectionist model**
Marco Zorzi, George Houghton & Brian Butterworth
- 15.00 **Does word frequency effect exist for different parts of speech?**
Victor Belopolsky
- 15.30 **Strategic control of processing in word naming**
Andrew Burton, Esme Burton & Maria Cosburn
- 16.00 **The effect of orthographic neighbourhood and stress consistency on children's naming performance**
Lucia Colombo & Stephen Lupker
- 16.30 **COFFEEBREAK**
- 17.00 **Priming regular words with regular and irregular primes: primes: phonological inhibition and output facilitation**
Carolina Cristi, Stephen J. Lupker & Lucia Colombo
- 17.30 **Masked priming of word and picture naming: the role of syllabic units**
Ludovic Ferrand, Juan Segui & Jonathan Grainger
- 18.00 **ECONALECTURE**
Infant neuropsychology, brain imaging and first language acquisition
Jacques Mehler

LECTURE ROOM B

- 14.30 **Symposium: Mental imagery and compensation for physiological deficits**

The image generation process: a prospective study
Carla Stangalino, Carlo Semenza & Sara Mondini
- 15.00 **Visuospatial working memory components: the case of the blind**
Cesare Cornoldi & Tomaso Vecchi
- 15.30 **Auditory imagery in cognitive processing by deaf adults**
Marc Marschark
- 16.00 **Modality dependent and independent aspects of the processing of visible speech information**
J. Leybaert
- 17.00 **How modality specific are memory representations of self-performed actions?**
Tore Helstrup
- 17.30 **Movement execution in the blind**
Dragan T. Rapai & Goran M. Nedovi
- (End of symposium)**

TUESDAY (continued)

LECTURE ROOM C

- 14.30 **A geometry of metaphorical thought: considerations about fuzzy tensors**
Sandro Nicole & Sergio Bernardi
- 15.00 **A connectionist model of semantic binding**
Eliano Pessa & Maria Pietronilla Penna
- 15.30 **Spatial reasoning in "normal" young adults: a study of visualization**
Lucia Boncori, Flavia Bonaiuto & Maria Chiorazzo
- 16.00 **Degrading foveal information during scene perception**
P.M.J. van Diepen & G. d'Ydewalle
- 17.00 **Intersensory relations**
Roy Davis
- 17.30 **Interaction of auditory and visual data in speech recognition: McGurk interference vs. ventriloquism**
Paul Bertelson, Jean Vroomen & Beatrice de Gelder

LECTURE ROOM D

- 14.30 **Capacity and content in cognition**
Pertti Saariluoma
- 15.00 **Effects of plausibility of alternatives and of mental load in the use of strategies of causal inference**
Neves Da Silva, Manuel Rui & Christian George
- 15.30 **Causal induction: when a cause simultaneously facilitates and prevents an effect**
Michael R. Waldmann
- 16.00 **Class inclusion and language pragmatics**
G. Politzer
- 17.00 **Metarepresentation and communication in children with autism**
Luca Surian, Simon Baron-Cohen & Heather Van der Lely
- 17.30 **The conservation notion: two modes of information processing are required for development**
Xavier Caroff

WEDNESDAY 27 September

LECTURE ROOM A

- 9.00 **ECONALECTURE**
What's in the mind? Constraints on mental structures
Zenon Pylyshyn
- 10.00 **Symposium: Theories of Visual Attention**
- Introduction**
Yehoshua Tsal
- Forms of attention: dissociations and unity**
Harold Pashler
- 10.30 **Modeling selection in a parallel competitive model**
Glyn W. Humphreys
- 11.00 **TVA: a theory of visual attention**
Claus Bundesen
- 11.30 **COFFEEBREAK**
- 11.45 **Poster Session B**
- 12.45 **Symposium: Theories of Visual Attention (continued)**
- Voluntary versus stimulus-driven attentional control**
Dirk Vorberg
- 13.15 **A theory of attentional receptive fields**
Yehoshua Tsal
- 13.45 **Discussion**
- (End of the symposium)**

LECTURE ROOM B

- 10.00 **Cognitive predictors of speech understanding following a cochlear implant operation**
Björn Lyxell
- 10.30 **Influence of sentence context on the word repetition effect: An Event-Related Potentials analysis.**
M. Besson & M. Kutas
- 11.00 **An experimental investigation of French syllable structure**
Ruth Kearns, Uli Frauenfelder & Alain Content
- 12.45 **The activation of embedded words in spoken word recognition**
Jean Vroomen & Beatrice de Gelder

WEDNESDAY 27 September

LECTURE ROOM C

10.00 **Priming effects from naming objects at subordinate level**
Melanie Vitkovitch

10.30 **Everyday planning difficulties following traumatic brain injury**
Barbara Dritschel, Laura Kogan, Andrew Burton, Lorna Goddard & Esme Burton

11.00 **An RT and ERP study of visuo-motor inter-hemispheric integration in a split-brain patient**
Alice M. Proverbio, Alberto Zani, Michael S. Gazzaniga & George R. Mangun

12.45 **Activation of phonological information from print without concurrent awareness**
Alexander Verstaen, Glyn W. Humphreys & Géry d'Ydewalle

13.15 **Double meaning image processing: a psychophysical approach**
Vitalij L.A. Tatko

LECTURE ROOM D

10.00 **Sensorimotor synchronization: the influence of different movement types**
Joerg Gehrke

10.30 **Investigating ideomotor phenomena**
Lothar Knuf

11.00 **On action coding and S-R compatibility: what makes a response compatible to a stimulus?**
Yvonne Lippa

12.45 **Blindness to response-compatible stimuli: when a 'right' reaction impairs the detection of a 'right' stimulus**
Jochen Muesseler

13.15 **Analyses of rhythmic performances with ageing: a means to access evolution of temporal processes throughout adulthood**
Viviane Pouthas & Sandrine Vanneste