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THE PROCESSING OF METAPHOR AND METONYMY: FROM COMPUTERS TO
NEUROPSYCHOLOGY

24 - 29 April 2004

Granada, Spain

http://www.esf.org/esf_euresco_conference.php

Applications by 06 February 2004

Supported by the European Commission, the conference covers the processing, whether by brains or by AI systems, of metaphor, metonymy and other closely related forms of figuration in language and other forms of expression, as well as the possible role played by figuration in cognition and consciousness. It encompasses computational processing approaches (whether symbolic or non-symbolic), psychological processing models, and neuroscientific studies of processing.

Specific topics of interest in the area of figurative communication and cognition include, but are not confined to, the following:

understanding
generation
identification
translation
role of culture in processing
discourse context handling
information retrieval and extraction
automated processing of lexical resources
child development, ageing
connections to mental or developmental disorders
brain regions and mechanisms involved in processing.

The conference aims especially to foster increased interchange between researchers from different disciplines. In particular, it aims to bring insights from computational research to the attention of other disciplines, and to enable insights from neuroscientific and psychological research to provide inspiration for computational investigations. The conference also welcomes linguists, literature specialists and any other investigators who are interested in interacting with computational, psychological or neuroscientific researchers.

It is also intended to include some panel sessions. The ones envisaged are:

processing of idiom

metaphor, metonymy and other forms of figuration: how are they different?

how can different disciplines help each other in the area of metaphor and metonymy?

cognition, consciousness and embodiment

where should computational, psychological and neuroscientific studies of figurative language go from here?

funding and networking

Prominent researchers, including some of the invited speakers but also other metaphor/metonymy investigators such as Ray Gibbs, will be engaged as panel members and as respondents to the invited talks.

John A. Barnden - UK, University of Birmingham, Birmingham, UK

Vice-chair: Antonio Barcelona Sánchez - E, Universidad de Murcia, Murcia, E

Contact

EURESCO Office or Anne-Sophie Gablin for more information.

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Please quote 2004-184 in any correspondence

Speakers will provisionally include:

Antonio Barcelona (Murcia University, E)

The Ubiquity of Metonymy in Cognition and Language

John Barnden (Birmingham University, UK)

An Artificial Intelligence Approach to Partially Creative Metaphor

Cristina Cacciari (Modena University., I)
Idiomatic Expression: From Lexicon to Semantic System

Dan Fass (Gavagai Technology & Simon Fraser University, CA)
Figurative (Metonymic and Metaphoric) Ambiguity in Newspaper Articles and Other Text

Rachel Giora (Tel Aviv University IL)
A Functional Approach to Suppression: The Case of Negated Metaphors

Sam Glucksberg (Princeton University, US)
Metaphors Are Not Similes

Jerry Hobbs (SRI International, US)
Similarity, Verb-Phrase Ellipsis and the word “Like”

Albert Katz (University of Western Ontario, CA)
Social Cultural Factors in Comprehending Nonliteral Language: Behavioural and Neuropsychological Data

Chiara Levorato (University of Padua, I)
The Development of Figurative Language in Children

Katja Markert (Leeds University, UK)
The Automatic Resolution of Metonymies with Statistical Methods

Srini Narayanan (SRI International, US)
Simulation Semantics: A Neurally Plausible Computational Framework for the Link between Language, Perception and Action

Costanza Papagno (Università di Milano Bicocca, I)
Idiom Comprehension in Brain-Damaged Patients

Francisco J. Ruiz De Mendoza Ibanez (Rioja University, E)
Cognitive Models in Interaction: The Role of High-Level and Low-Level Cognitive Operations in Constructing Meaning

Michael Thomas (Institute of Child Health, London, UK)
A Connectionist Model of the Development of Metaphor Comprehension: Evaluating Simulations and Empirical Predictions

Tony Veale (University College Dublin, IRL)
Pathways to Creativity in Lexical Ontologies

Yorick Wilks (Sheffield University, UK)
Do “Metaphor” and “Metonymy” have Clear, and Different, Senses in a Computational Environment?

(2 more speakers to be announced)

Posters and Short Oral Contributions

Poster sessions are planned for posters proposed by interested applicants. There will be a small number of oral overviews of the collection of posters. Posters presenting psychological, computational or neuroscientific studies are particularly welcome, but other submissions will be entertained if they throw some light on those areas or pose specific challenges to them.

Time will also be allotted to short oral contributions, which will be selected from abstracts.

Applicants may propose to present a poster or short oral paper (approx. 20 minutes). The number of such oral papers that can be accommodated in the programme will be limited, so applicants who propose short papers may have to be accepted for poster presentation instead.

Posters and short papers presenting psychological, computational or neuroscientific studies are particularly welcome, but other submissions will be entertained (e.g., from linguistics, literary studies, anthropology, etc.) if they relate to psychological, computational or neuroscientific issues in some way, for instance by posing specific challenges to them.

Prospective applicants are urged to contact the Conference Chair if they are unsure whether their contribution would be acceptable.

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