First NetWordS Workshop on

Understanding the Architecture of the Mental Lexicon: Integration of Existing Approaches

Pisa (Italy), 24-26 November 2011

Convened by:
NetWordS Steering Committee

Organizing Committee

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Main Objectives and Agenda

Scientists all over Europe are currently pursuing highly related and complementary work on the architecture of the Mental Lexicon through nationally-funded projects or bi-lateral cooperation programmes. Due to the fundamental character of this research area and its comparatively weak technological impact, however, funding initiatives are in most cases not particularly generous and typically (but not always) small-scale.

NetWordS, the European Research Networking Programme on Word Structure, intends to promote a larger-scale integrated European effort, focusing on common medium-term objectives, with a view to fostering interdisciplinary cross-fertilization and synergy, and optimizing research investments in terms of more convergent and complementary efforts. It is our contention that the European scenario is particularly conducive to these goals, due to the robustly empirical character of its up-front research in a vast range of scientific areas where European scientists appear to be playing a leading role, including (among others)

> **Theoretical issues in morphology and its interfaces**
> **Typological, variationist and historical aspects of word structure**
> **Cognitive issues in lexical architecture**
> **Short-term and long-term memory issues**
> **Neuro-physiological correlates of lexical organization and processing**
> **Psycho-linguistic evidence on lexical organization and processing**
> **Machine-learning approaches to morphology induction**
> **Psycho-computational models of the mental lexicon**
> **Distributional Semantics**

The present workshop sets itself the ambitious goal of paving the way towards a European interdisciplinary research agenda on the Mental Lexicon for the coming 10 years, with particular emphasis on the three main challenges that **NetWordS** is intended to address:

> **Lexicon and Rules in the grammar**
> **Word knowledge and word use**
> **Words and meanings**

The Workshop will convene leading European scholars with different scientific backgrounds and theoretical inclinations, mostly connected through **NetWordS**, and invite them to address three basic questions:

What are, in the speaker's area of expertise, the most pressing open issues concerning the architecture of the Mental Lexicon?

What and how can progress in other research areas contribute to addressing these issues?

What can advancement in our understanding of these issues contribute to progress in other areas?

Each contribution will have a 35 mins duration and will be followed by a 10 mins discussion involving the entire audience.

Report publication and dissemination

Electronic records of the workshop will be made available through the NetWordS website (www.networds-esf.eu). A written report of the workshop will be drafted by the NetWordS Steering Committee and circulated among all participants. The SC will also consider submission of an edited collection of all workshop presentations to a major European publisher.

PROGRAMME

Thursday, 24 November 2011

14.30   **Welcome by convenors**

Wolfgang U. Dressler (Austrian Academy of Sciences)

The impact of types of analogy on language acquisition

Radovan Garabik (Slovak Academy of Sciences)

A Database of Slovak Verbs

16.30-17.00   coffee break

Paolo Acquaviva (University College Dublin, Ireland), Phoevos Panagiotidis (University of Cyprus)

Lexical decomposition meets conceptual atomism

Emmanuel Keuleers (Ghent University, Belgium)

Regularity/irregularity in morphological processing

18.45   **End of Thursday Session**

20,15   *Social Dinner*

Friday, 25 November 2011

09.15   **Start of Friday Session**

Ida Raffaelli (University of Zagreb, Croatia)

Morphosemantic patterns in lexical architecture: a cognitive approach

Carita Paradis (Lund University, Sweden)

Antonymy in language, thought and memory

10.45-11.15   *coffee break*

Mirjam Ernestus (Radboud University Nijmegen & Max Planck Institute, Holland)

The role of morphology in acoustic reduction.

Richard Wiese (University of Marburg, Germany)

Word stress systems and the role of stress in lexical processing

12.45-14.30   *Buffet lunch*

Fabio Montermini (CNRS, Université de Toulouse le Mirail, France), Olivier Bonami (Université Paris-Sorbonne, France)

Stem spaces and regularity in verbal inflection

Greville Corbett (University of Surrey, UK)

Shapes of lexemes: a typological perspective

16.00-16.30   *coffee break*

Ram Frost (The Hebrew University, Israel)

What determines principles of word recognition and lexical structure? Evidence from cross-linguistic research

Mila Vulchanova (Norwegian University of Science and Technology, Norway)

Morphology in the Asperger Syndrome

Manouilidou Christina and Ralli Angela (University of Patras, Greece)

The architecture of the mental lexicon: insights from compound processing

Dominiek Sandra (University of Antwerp, Belgium)

Orthographic representations of homophonous word forms

19.30   **End of Friday Session**

20.00   ***Buffet dinner***

Saturday, 26 November 2011

09.15 **start of final Workshop Session**

Harald Baayen (Tuebingen University, Germany)

Naive discriminative learning and construction morphology

Madeleine Voga (Paul Valéry University, France), Hélène Giraudo (CNRS, Université de Toulouse le Mirail, France), Anna Anastassiadis-Symeonidis (University of Thessaloniki, Greece)

Inflectional and derivational processing in a morphologically rich language : an overview of Greek bilingual and monolingual data

10.45-11.15 coffee break

Marcello Ferro, Claudia Marzi, Vito Pirrelli (Institute for Computational Linguistics, CNR Pisa Italy)

Word alignment and Morphology Induction

María Dimitropoulou, Jon Andoni Duñabeitia, Manuel Carreiras (Basque Centre on Cognition, Brain and Language, Spain)

Two words, one meaning: lexical organization and processing in bilinguals.

13.00 **End of Workshop**

13.15-15.30 *NetWordS Steering Committee Meeting* **(including a buffet lunch)**