International Speech Communication Association

Proceedings of the fourth ISCA
Tutorial and Research Workshop on

Experimental Linguistics

25-27 May 2011, Paris, France

Edited by Antonis Botinis

University of Athens
This ISCA Workshop on Experimental Linguistics 2011 is the fourth Workshop, which takes place in Paris, France. The Workshop aims to bring together professionals working with language in different settings and to promote discussion and exchange of ideas on approaches to the study of language. The Workshop will focus on experimental and interdisciplinary approaches with the ultimate objective of boosting international research and collaboration.

All experimental disciplines and subjects with reference to the study of language are related to the Workshop, such as speech production, speech acoustics, speech perception, neurolinguistics, psycholinguistics, sociolinguistics, computational linguistics, applied linguistics and language therapy.

The Workshop will contain a combination of oral and poster sessions along with interdisciplinary panel discussions and working groups. Submission of abstracts are invited with reference to the aims of the Workshop.
Committees

Chair
Philippe Martin, Université Paris Diderot, France

Co-chairs
Antonis Botinis, University of Athens, Greece
Marios Fourakis, University of Wisconsin-Madison, USA

Keynote speaker
Yi Xu, University College London, UK

Organizing Committee
Aikaterini Bakakou-Orphanou, University of Athens, Greece
Ismail Bonali, Université Paris Diderot, France
Georges Boulakia, Université Paris Diderot, France
Christoforos Charalambakis, University of Athens, Greece
Anthi Chaida, University of Athens, Greece
Barbara Gawronska University of Agder, Norway
Rémi Godement, Université Paris Diderot, France
Philippe Martin, Université Paris Diderot, France
YouMei Sang, Université Paris Diderot, France
Guidelines for Oral Presentations

The time slot for an oral presentation is 20 minutes, including discussion. A talk should, therefore, not exceed 15 minutes.

The room for oral presentations will be equipped with a multimedia PC running Windows, which has a CD/DVD drive, Microsoft PowerPoint and Acrobat Reader available. You may bring your presentation on a CD or on a USB flash drive.

In case you have doubts about your presentation being properly displayed by the available equipment, please check it as soon as possible in the preparation room.

Guidelines for Posters (optional)

General Information

Poster sessions provide a more intimate forum for exchange than do regular paper presentations by facilitating informal discussions between presenters and their audience. Ideally, a well-constructed poster will be self-explanatory and free you from answering obvious questions so that you are available to supplement and discuss particular points of interest. Successful poster presentations are those which achieve both coverage and clarity.

Title - Content

Each poster display should include the title and the name(s) of the presenter(s). It must be mounted at the top of the poster clearly written.

Extensive, imaginative use of captioned illustrations, photographs, graphs or other types of visually appealing material is the point of a poster presentation. Lettering needs to be large enough to read from several feet away.

Materials

Suggested size for each poster is 120 (height) x 90 cm (width) (47.2 X 35.4 in), but you may also create a smaller poster format. We suggest that you use the following template:

Poster Template

The Organising Committee of the Workshop will provide push pins and a display board. Please bring other materials you may need such as a tape or line level. You may find if useful to have on hand a tablet of sketch paper and suitable drawing materials to assist in your explanations to observers. Please note that it is not possible to write or paint on the poster boards.

Location and Time

Each poster is part of a session and will remain in place for 2 hours. For best results, please set up your poster presentation 15 minutes before the scheduled time. Plan on an exciting interaction with your "audience." Poster sessions are an innovative and challenging way for you to present your data and new ideas and to meet colleagues in a creative setting.
The Workshop will take place at the FIAP Jean Monnet Paris.

Directions from the Hotel IBIS Porte D'Orleans to conference center FIAP Jean Monnet:

From metro station Port d'Orleans near the hotel, take line 4 until Denfert Rochereau. Then change to line 6 until metro station Saint Jacques near the conference center.
Foreword

This volume includes the proceedings of the fourth ISCA (International Speech Communication Association) Tutorial and Research Workshop on Experimental Linguistics, ExLing 2011, held in Paris, France, 25-27 May 2011. This is a follow up Workshop, which is organised biannually in Athens, Greece, from 2006 and thereafter.

Last time in Athens, in summer 2010, we discussed the possibility of orginising the next meeting in Paris. Philippe Martin volunteered to undertake the organisation and promote the research paradigm of Experimental Linguistics. In this spirit, we have gathered in Paris to continue our discussion on the directions of linguistic research and the use of experimental methodologies in order to gain theoretical and interdisciplinary knowledge.

We are happy to see a variety of disciplines involved, from phonetics and language typology to psycholinguistics and language acquisition. We are also happy to see young scientists accelerating and adopting innovative ways in the scientific study of language. Most crucially, our initial attempt has gain ground and is becoming an established circle of a new generation of linguists.

As usual, our colleagues are coming from a variety of different parts of the world and we wish them a prosperous exchange of scientific experience and a joyful stay in Paris. This is indeed the core of the ISCA events, which promote new ideas as well as international scientific exchange.

We would like to thank all participants for their contributions and ISCA for its support in organising this Workshop. We also thank the University of Athens for the publication of the proceedings as well as our students from the University of Paris Diderot for their assistance.

On behalf of the organisation committee

Antonis Botinis
Anthi Chaida
Philippe Martin
ISCA
International Speech Communication Association

Fourth Workshop on Experimental Linguistics

ExLing 2011

25-27 May 2010
Paris, France

Chair
Philippe Martin

Cochair
Antonis Botinis
Marios Fourakis

Keynote Speaker
Yi Xu, University College London

Organising Committee
Aikaterini Bakakou-Orphanou University of Athens, Greece
Ismail Bonali Université Paris Diderot, France
Georges Boulakia Université Paris Diderot, France
Anthi Chaida University of Athens, Greece
Christoforos Charalambakis University of Athens, Greece
Barbara Gawronska University of Agder, Norway
Rémi Godement Université Paris Diderot, France
Philippe Martin Université Paris Diderot, France
YouMei Sang Université Paris Diderot, France

Université Paris Diderot
University of Athens
University of Wisconsin-Madison
PROGRAMME

Wednesday 25, 18-20 Registration

09.00 Welcome address
09.10 Oral session 1

Keynote Functions and mechanisms in linguistic research — Lessons from speech prosody
lecture Yi Xu
09.40 The tip-of-the-tongue phenomenon: Search strategy and resolution during word finding difficulties
Nina Jeanette Hofferberth
10.00 Towards a mental representation of vowel height in SSBE speakers
Kevin Mendousse

10.20 Coffee break
10.40 Oral session 2
10.40 Time selected multiple algorithms for reliable Fo tracking in difficult recording conditions
Philippe Martin
11.00 Perceived French, Belgian and Swiss accents by French and Belgian listeners
Philippe Boula de Mareuil, Alice Bardiaux
11.20 Evaluating speech samples designed for the Voice Profile Analysis Scheme for Brazilian Portuguese (BP-VPAS)
Zuleica Antonia de Camargo, Sandra Madureira, Luiz Carlos Russo

11.40 Short break

11.50 Vowel-colour associations in non-synesthetes: A study with Spanish and Arabic participants
Pilar Mompeán Guillamón

12.10 Recursion in language, theory-of-mind inference and arithmetic: aphasia and Alzheimer’s disease
Zoltán Bánréti, Éva Mészáros, Ildikó Hoffmann, Zita Örley

12.00 Lunch break

Thursday 26
13.00-16.00 Poster session

PP01 Spectral properties of fricatives: a forensic approach
Natalie Fecher

PP02 Phonology and phonetics of Greek palatalisation
Antonis Botinis, Anthi Chaida, Evgenia Magoula

PP03 The validity of some acoustic measures to predict voice quality settings
Luiz Carlos Rusilo, Zuleica Antonia de Camargo, Sandra Madureira

PP04 Vocabulary learning strategies among advanced Turkish learners
Ioannis Galantimos

PP05 Processing Russian inflectional morphology: A PET study of verb generation
Tatiana Chernigovskaya, Kira Gor, Galina Kataeva, Alexander Korotkov, Maxim Kireev, Kristina Memetova, Svyatoslav Medvedev

PP06 Perceptual and lexical priming of syntactic construction in young children
Meesook Kim

PP07 Models or strategies? On the perception of ambiguous words
Anzhelika Dubasova

PP08 Lexical stress in Modern Hall Mongolian
Yumei Sang

PP09 Syntactic recursion and theory-of-mind reasoning in aggrammatic aphasia
Zoltán Bánréti, Éva Mészáros

PP10 Recursion in language, theory-of-mind inference and arithmetic: aphasia and Alzheimer’s disease
Zoltán Bánréti, Éva Mészáros, Ildikó Hoffmann, Zita Örley

PP11 Linguistic and non-linguistic investigation of motion events
Ayşe Betül Toplu, Deniz Zeyrek

PP12 Identifications of speaker-ethnicity: Attribution accuracy in changeable settings
Richard Todd

PP13 Structural priming and the phrasal/clausal distinction: The case of concealed questions
Gözde Bahadır, Maria Polinsky

PP14 Metacomunicative devices in spoken discourse as part of processing distributed cognitive tasks
Ilya Utekhin, Tatiana Chernigovskaya

PP15 The terminal contour of Italian semi-spontaneous instructions
Domenico Di Russo

PP16 Tonal and syntactic correlates of focus perception in Greek and Russian
Olga Nikolaenko

PP17 High functioning autism and prosody of sentence types in Greek: A case study
Maria Tripolitou, Anthi Chaida

PP18 Perceptual level of intonation in whispered voice
Géraldine Vercherand
**Friday 27**

09.00  Oral session 3
09.00  *Dynamic differences in child bilinguals’ production of diphthongs*
       Vincent Chanethom
09.20  *Pretonic schwa reduction in Dutch: Frequency effects interact with phonotactics*
       Marjoleine Sloos
09.40  *Prosodic patterns in child speech*
       Roksolana Mykhaylyk
10.00  *Prosodic structures and focus semantics in Greek*
       Antonis Botinis, Aikaterini Bakakou-Orphanou, Anthi Chaida

**10.20 Coffee break**

10.40  Oral session 4
10.40  Qualitatively similar automatic semantic priming in native and non-native speakers
       Carrie A. Ankerstein
11.00  *Typology and spatial cognition in English, French and Greek: evidence from eye-tracking*
       Efstathia Soroli
11.20  *Semantic priming at the sentence level: causal vs. purposive because*
       Joanna Blochowiak, Gözde Bahadir

**11.40 Short break**

11.50  *Clitic omission and the acquisition of participle agreement*
       Vincent Torrens
12.10  *The processing of asymmetric and symmetric sentential conjunction*
       Ellen Thompson, Javier Collado, Maria Omana, Amanda Yousuf-Little

**20.30 Workshop dinner**