

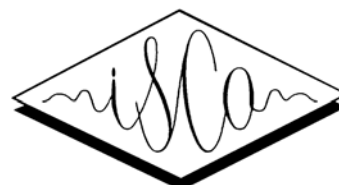
NOLISP'07

AN ISCA TUTORIAL AND RESEARCH WORKSHOP ON NON-LINEAR SPEECH PROCESSING

After the success of NOLISP'03 held in Le Croisic, and NOLISP'05 held in Barcelona, we are pleased to present

NOLISP'07

22-25 May 2007, Paris, France



Local Organizers : **University Pierre and Marie Curie (UPMC)**
Venue : **Maison Internationale (close to the Parc Monsouris)**

AIMS OF THE WORKSHOP

Many specifics of the speech signal are not well addressed by the conventional models currently used in the field of speech processing. The purpose of the workshop is to present and discuss novel ideas, work and results related to alternative techniques for speech processing, which depart from mainstream approaches.

FOCUS OF THE WORKSHOP

Contributions are expected in the following domains (non-limited list):

- I. Non-Linear Approximation and Estimation
- II. Non-Linear Oscillators and Predictors
- III. Higher-Order Statistics
- IV. Independent Component Analysis
- V. Nearest Neighbours
- VI. Neural Networks
- VII. Decision Trees
- VIII. Non-Parametric Models
- IX. Dynamics of Non-Linear Systems
- X. Fractal Methods
- XI. Chaos Modeling
- XII. Non-Linear Differential Equations
- XIII. Others

All fields of speech processing are targeted by the workshop, namely :

1. Speech Production
2. Speech Analysis and Modeling
3. Speech Coding
4. Speech Synthesis
5. Speech Recognition
6. Speaker Identification/ Verification
7. Speech Enhancement / Separation
8. Speech Perception
9. Others

ORGANISING COMMITTEE : Mohamed CHETOUANI (UPMC), Bruno GAS (UPMC), Amir HUSSAIN (Stirling), Maurice MILGRAM (UPMC), Jean-Luc ZARADER (UPMC).

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WEB SITE : <http://www.congres.upmc.fr/nolisp2007/>

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Isabel TRANCOSO, INESC (Portugal)

SUBMISSION

Prospective authors are invited to submit a 3 to 4-page paper proposal in English, which will be evaluated by the Scientific Committee. Final papers will be due 1 month *after* the workshop, for inclusion in the CD-ROM proceedings. A special issue in Speech Communication (Elsevier) will follow.

KEY DATES

Submission (full paper):	15 January 2007
Notification of acceptance:	23 February 2007
Workshop:	22-25 May 2007
Final (revised) paper:	25 June 2007