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

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

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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 follows.

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

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