



# 2006 INTERNATIONAL WORKSHOP ON ACOUSTIC ECHO AND NOISE CONTROL IWAENC2006



Télécom Paris (ENST), Paris, France  
September 12 - 14 (Tue - Thu), 2006  
<http://www.iwaenc06.enst.fr/>

## FINAL CALL FOR PAPERS

The 10th International Workshop on Acoustic Echo and Noise Control will be held in Paris, France, September 12-14, 2006. Starting from 2006, this workshop will be held on even years (since the creation in 1989, the nine previous editions had been held on odd years). The workshop will focus on the topics of signal processing for acoustic echo and noise control. Applications are, among others, telephony, conferencing systems and voice control systems. The three day program includes poster presentations of recent works and latest results, keynote talks and demonstrations.

### TECHNICAL SCOPE

The technical scope of the workshop includes signal processing for speech enhancement like through the control of acoustic echo and the reduction of noise. These areas of signal processing have been of wide academic interest for many years and have, more recently, seen a substantial growth in industrial applications such as hands-free mobile telephones and video-conferencing systems. The relevant topics for the workshop include (but are not limited to):

- Adaptive filtering algorithms and structures for echo and noise control
- Noise reduction techniques
- Active noise control, sound reproduction and hearing aids
- Transducers and acoustic front-ends
- Hardware and real-time issues
- Speech-databases and software tools
- Multirate filter banks and subband systems
- Systems for stereophonic echo and noise control
- Microphone arrays and array signal processing
- Sound enhancement and sound separation
- Temporal segmentation of signals
- Voice activity detection and double-talk detection
- Noise and acoustic environments and characteristics

### DEMONSTRATIONS

You are strongly encouraged to give a relevant demonstration of your work

### PROCEDURES

Authors are invited to propose papers in any of the technical areas relevant to the workshop. The technical committee will select papers for poster-presentation. A copy of each paper will be published on line at the time of the workshop.

To submit a proposal:

Prepare a 4 page paper. The submission should be made on-line. If a demonstration of the work is planned, include a brief description of the demonstration in the paper summary. Please use our LaTeX style file and have a look at a sample paper in both tex and pdf for the design of your paper.

### SCHEDULE

Submission of a 4 page paper by: **June 15, 2006**

Notification of acceptance by: **July 6, 2006**

Submission of 4 page final paper (as pdf-file only, at max. 10 MB !) by: **July 13, 2006**

### BEST PAPER AWARD

The IWAENC Technical Committee will award a prize for the best student paper. The selection of the best paper will be based on originality, scientific merit of the research, and the quality of the submitted paper.

### CONTACT ADDRESS FOR MORE INFORMATION

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#### Organisation committee

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Due to the short interval between the publication of the initial call for papers and the deadline for submission, authors have asked us to postpone the deadline. This Call for Papers presents the new schedule.