

2003 International Workshop on Acoustic Echo and Noise Control



IWAENC2003
Kyoto

Keihanna Plaza, Kyoto, Japan

September 8 (Mon) - 11 (Thu), 2003

<http://www.kecl.ntt.co.jp/icl/signal/iwaenc03/>

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CALL FOR PAPERS

The International Workshop on Acoustic Echo and Noise Control will be held in Kyoto, Japan, September 8-11, 2003. This, the eighth biennial 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 work 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:

- 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 including voice activity detection and double-talk detection
- Noise and acoustic environments and characteristics
- Statistical modeling of signals and systems

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 in the Proceedings of IWAENC2003, which will be available at the time of the workshop.

To submit a proposal:

Prepare 2 page paper summary or 4 page paper.

The submission should be made through 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 2 page paper summary or 4 page paper: **May 9, 2003**

Notification of acceptance by: **June 20, 2003**

Submission of 4 page final paper (as pdf-file only, at max. 10 MB !) by: **July 31, 2003**

BEST PAPER AWARD

The IWAENC Technical Committee will award a prize for the best 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 Submissions and More Information

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