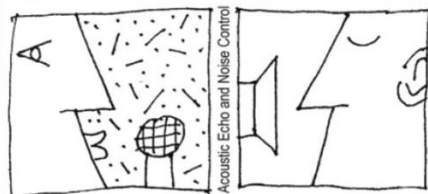


17th-20th, September, 2018
Hitotsubashi Hall, Tokyo, Japan

iWAENC2018

International Workshop on Acoustic Signal Enhancement



CALL FOR PAPERS

The 16th International Workshop on Acoustic Signal Enhancement (IWAENC) will be held in Tokyo, Japan, on September 17-20, 2018, at Hitotsubashi Hall. IWAENC was established in 1989, originally as the International Workshop on Acoustic Echo and Noise Control (this is how the abbreviation IWAENC came into use). It is the leading workshop in the signal processing community addressing theoretical and technical issues related to acoustic and speech signal processing. The three-day program consists of oral and poster presentations, plenary talks, and demonstrations.

SCOPE

This workshop will focus on the enhancement and processing of speech and audio signals. Applications include mobile communications, audio-visual conferencing systems, voice control systems, hearing aids, interactive TV, robot audition, and emerging applications in audio and acoustic signal processing.

TOPICS

- Acoustic echo control
- Noise reduction
- Microphone arrays
- Source localization
- Source separation
- Dereverberation
- Active noise control
- Multirate systems
- Robot audition
- Auditory scene analysis and classification
- Acoustic environment simulation
- Adaptive filtering algorithms & structures
- Binaural signal processing
- Speech and audio databases
- Speech intelligibility enhancement
- Quality assessment
- New and emerging topics in speech and audio processing

SPECIAL SESSIONS

The Organizing Committee solicits proposals for special sessions within the technical scopes of the conference. Special session proposals should include title, rationale, titles and abstracts of 6 invited papers, short biography of special session organizer(s) that includes complete affiliation, address, and email.

DEMONSTRATIONS

Besides the regular paper presentations, a separate demonstration session is planned. For a contribution to this session, a brief description of the demonstration should be submitted online via the workshop website. The description will not be included in the workshop proceedings.

IMPORTANT DATES

Special session proposals:	Feb. 28, 2018
Submission of regular paper:	April 20, 2018
Submission of demonstrator description:	April 20, 2018
Notification of acceptance:	June 22, 2018
Submission of camera-ready paper:	July 20, 2018
Early registration deadline:	July 20, 2018



General Chairs

Hiroshi Saruwatari, Univ. Tokyo, Japan
Shoji Makino, Univ. Tsukuba, Japan

Technical Program Chairs

Nobutaka Ono, NII, Japan
Zbynek Koldovsky, TU Liberec, Czech

Industry Liaison Chairs

Ivan Tashev, Microsoft Research, USA
Tao Zhang, Starkey Hearing Tech., USA
Jan Skoglund, Google, USA

Awards Chairs

Dorothea Kolossa, Ruhr Univ., Germany
Christine Evers, Imperial College, UK

Plenary Chairs

Hiroshi Sawada, NTT, Japan
Tomohiro Nakatani, NTT, Japan

Publicity Chairs

Heinrich Löllmann, FAU, Germany
Takeshi Yamada, Univ. Tsukuba, Japan
Hirokazu Kameoka, NTT, Japan

Demonstrations Chairs

Akihiko Sugiyama, NEC, Japan
Osamu Hoshuyama, NEC, Japan

Publications Chairs

Shoko Araki, NTT, Japan
Keisuke Kinoshita, NTT, Japan

Special Session Chairs

Masahito Togami, Hitachi, Japan
Yohei Kawaguchi, Hitachi, Japan

Registration Chairs

Suehiro Shimauchi, NTT, Japan
Kenta Niwa, NTT, Japan

Finance Chairs

Shoichi Koyama, Univ. Tokyo, Japan
Naoko Tanji, Univ. Tokyo, Japan
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