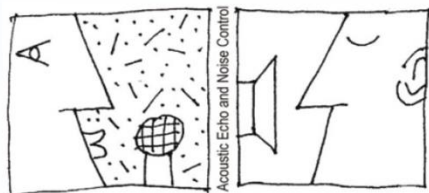


17<sup>th</sup>-20<sup>th</sup>, September, 2018  
Hitotsubashi Hall, Tokyo, Japan

# iWAENC2018

International Workshop on Acoustic Signal Enhancement



## General Chairs

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

## Technical Program Chairs

Nobutaka Ono, TMU, 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  
Akemi Taguchi, Univ. Tsukuba, Japan

## Local Arrangement Chairs

Shinnosuke Takamichi, Univ. Tokyo, Japan  
Daichi Kitamura, Univ. Tokyo, Japan

## Web Administrators

Li Li, Univ. Tsukuba, Japan  
Yutaro Matsui, Univ. Tsukuba, Japan  
Kouei Yamaoka, Univ. Tsukuba, Japan  
Robin Scheibler, TMU/ISPS, Japan

## 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.

## IMPOTANT DATES

Special session proposals:	<b>Feb. 28, 2018</b>
Submission of regular paper:	<b>May 20, 2018</b>
Submission of demonstrator description:	<b>May 20, 2018</b>
Notification of acceptance:	<b>July 6, 2018</b>
Submission of camera-ready paper:	<b>July 20, 2018</b>
Early registration deadline:	<b>July 20, 2018</b>



[www.iwaenc2018.org](http://www.iwaenc2018.org)

