

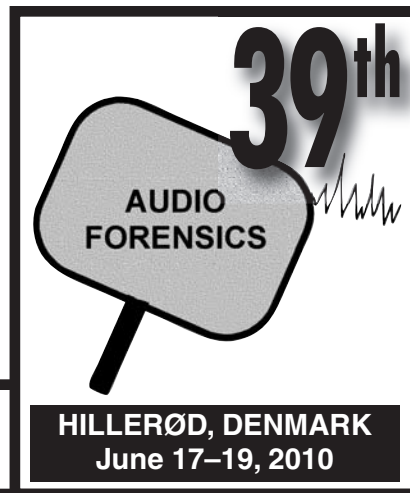
AUDIO ENGINEERING SOCIETY

CALL for PAPERS

AES 39th International Conference

Audio Forensics: Practices and Challenges

Pharmakon Conference Center, Hillerød, Denmark



Dates: June 17–19, 2010, **Location:** Hillerød, Denmark

Chair: Eddy Brixen, EBB-Consult, Email: 39th_chair@aes.org

HILLERØD, DENMARK
June 17–19, 2010

The AES 39th International Conference is dedicated to the field of audio forensics, exploring its history, current practices, and future challenges. Digital technology has revolutionized audio forensics, providing significant advances in audio recording, speech/signal processing, and analysis. However, the ever-expanding prevalence of multimedia devices in today's society has resulted in a vast increase in types of recording formats, along with the availability of inexpensive, easy-to-use editing and manipulation software. These factors, together with the use of perceptual encoding techniques, pose significant challenges for the forensic processing and analysis of recordings, detection of forgeries and alterations, speech enhancement, and voice identification.

The AES 39th Conference Committee invites submission of research and technical papers. By **January 20**, 2010, a proposed title, 60-120 word abstract, and a 500-1000 word précis of the paper should be submitted via the Internet to the AES 39th Committee at the following site www.aes.org/39th_authors. Audio examples are encouraged.

The Committee also invites presentations from forensic audio hardware and software vendors on their specific products, in the form of tutorial-demonstrations. These will not be published in the proceedings, but (given sufficient interest) a special session will be provided for authors describing their specific innovations and products.

Tutorial studies will be presented prior to topics presented during the AES 39th Conference. This is to provide historical and practical perspective to the technical papers and workshops. High-quality audio and video support will be provided for presentations and laboratory demonstrations. Authors may submit proposals for papers, workshops, and tutorials.

The author's information, title, abstract, and précis should all be submitted online. The précis should describe the work performed, methods employed, conclusion(s), and significance of the paper. Titles, abstracts, and précis can be submitted after December 9, 2009 at www.aes.org/39th_authors. You can visit this site for more information and complete instructions for using the site anytime after December 9, 2009. Acceptance of papers will be determined by the 39th Conference review committee based on an assessment of the abstract and précis. A conference paper, submitted via the Internet by 2010 March 31, will be a condition for presentation at the conference.

PROPOSED TOPICS FOR PAPERS

Authentication

- digital services ENG
- other analysis techniques

Speech and forensics

- voice identification
- automated systems

Enhancement of noisy recordings

Audio in the context of computer-based and/or visual media

Acoustical forensics

- gunshots
- environmental sounds
- disturbance

Patent and trademark expertise

Musicological forensics

Audio forensics product presentation

SUBMISSION OF PAPERS

Please submit proposed title, abstract, and précis at www.aes.org/39th_authors no later than **2010 January 20**. If you have any questions, contact:

PAPERS COCHAIRS:

Durand Begault, Audio Forensic Center
Alan Cooper, The Metropolitan Police, UK
Email: 39th_papers@aes.org

SCHEDULE

Proposal deadline: 2010 January 20
Acceptance emailed: 2010 February 17
Paper deadline: 2010 March 31

Companies and individuals interested in exhibiting products at the conference should contact Eddy Brixen, 39th_chair@aes.org.