



**AUDIO ENGINEERING SOCIETY**  
CALL for CONTRIBUTIONS  
2017 INTERNATIONAL CONFERENCE ON SEMANTIC AUDIO  
ERLANGEN, GERMANY  
JUNE 22–24, 2017  
<http://www.aes.org/conferences/2017/semantic/>



---

**Chairs:** Christian Uhle and Meinard Müller. Email: [2017semantic\\_chairs@aes.org](mailto:2017semantic_chairs@aes.org)  
**Papers chairs:** Christian Dittmar and Jakob Abeßer. Email: [2017semantic\\_papers@aes.org](mailto:2017semantic_papers@aes.org)  
**Technical Coordination and PR:** Stefan Turowski, Sascha Disch, and Matthias Rose.

---

Semantic Audio is concerned with the extraction of meaning from audio signals and with the development of applications that use this information to support the user in identifying, organizing, and exploring audio signals, and interacting with them. These applications include music information retrieval, semantic web technologies, audio production, sound reproduction, education, and gaming. Semantic technology involves some kind of

understanding of the meaning of the information it deals with and to this end may incorporate machine learning, digital signal processing, speech processing, source separation, perceptual models of hearing, musicological knowledge, metadata, and ontologies. This conference will be the third AES conference on the topic and will provide the opportunity to present and discuss the latest advancements in the field.

---

## PROPOSED TOPICS

---

Semantic audio processing  
Content-based audio recommendation and retrieval  
Music web services and semantic web for music  
Blind and informed source separation  
Automatic music transcription  
Audio classification and segmentation  
Musical similarity and structure analysis

Semantic audio coding  
Intelligent audio effects and editing  
Musical education and instrument tuition  
Musical performance analysis  
Broadcast monitoring  
Digital archiving and libraries  
Computational Auditory Scene Analysis

---

## SUBMISSION INFORMATION

---

The organizing committee invites the submission of full papers of between 4 and 8 pages by January 22, 2017 at [www.aes.org/2017semantic\\_authors](http://www.aes.org/2017semantic_authors). An author's kit describing the paper format will also be available at that site. All submitted papers will be peer-reviewed before selection. Acceptance of papers will be determined by the conference review committee, and authors will be informed of the decision by March 22, 2017. Final versions of papers following any revisions guided by the committee's review must be submitted by April 8, 2017.

The conference program will include both oral and poster presentation of papers. Authors can express a preference for oral or poster presentation, although the final decision will be made by the program committee. The papers will be published online no less than 10 days before the conference.

Authors wishing their conference papers to be considered for publication by the Journal of the Audio Engineering Society (JAES) should read the Journal's guidelines described at [www.aes.org/journal/authors/guidelines/](http://www.aes.org/journal/authors/guidelines/) and, following the conference, submit a revised and extended version of their paper for review, using the Journal's online submission system.

Registration: At least one author of each contribution must pay to register for the conference, and attend to present, or the contribution will not be included in the proceedings. Any author wishing to attend the conference must pay the registration fee.

---

## IMPORTANT DATES

---

**Manuscript deadline: January 22, 2017.**  
**Acceptance emailed: March 22, 2017.**  
**Camera-ready submission deadline: April 8, 2017.**

**Open Access**  
Authors will have the option of submitting Open Access papers.

