

AUDIO ENGINEERING SOCIETY CALL for CONTRIBUTIONS AES 43RD CONFERENCE, 2011

Audio for Wirelessly Networked Personal Devices

POSCO International Center
Pohang University of Science & Technology (POSTECH)
Pohang, Republic of Korea



Dates: Sep. 29–Oct. 1, 2011, **Location:** Pohang, Republic of Korea
Cochairs: John J. H. Oh and Kyungwhoon Cheun, 43rd_chair@aes.org

The importance of audio functionality in handheld devices has grown rapidly. As more handheld devices embrace the Internet via wireless connectivity, they are constantly evolving to become even more powerful hosts of multimedia contents. Considering the fast-changing environment of personal devices, it is timely for a conference to discuss the trends and future of audio technologies for wireless-enabled handheld devices connected to one other and also to home music systems. This conference will focus on the state-of-the-art developments of audio technologies for wirelessly networked handheld devices. This three-day conference aims to bring audio and system engineers together for the discussion. During the conference, we will discuss issues including wireless audio, new paradigms of coding technologies, immersive 3-D audio, synthetic audio, audio signal processing for future applications, and issues regarding system implementations of personal devices.

The Committee invites submission of technical papers for presentation at the conference in 2011 at POSTECH in Pohang, Republic of Korea. A full-length paper between 4 and 10 pages should be submitted by June 1, 2011 to the review committee of the 43rd AES Conference. Paper templates will be available for downloading at www.aes.org/43rd_authors. You can visit this site for more information and complete instructions for using the site anytime after 2011 February 1. Based on full-paper submissions, the 43rd Conference Review Committee will determine acceptance and inform the authors before June 17, 2011 via email. After acceptance, minor revisions based on the comments of the reviewers will be allowed, but not substantial rewriting. Revised papers must be submitted by July 15, 2011.

The Committee also invites submission of proposals for workshops and tutorials. Before 2011 June 1, email all the pertinent information—title, workshop or tutorial, 125-word abstract, proposed workshop chair or tutorial presenter, possible panel speakers, preferred event duration, and special facility needs—to the workshops chair at 43rd_workshops@aes.org.

PROPOSED TOPICS FOR PAPERS (including, but not limited to)

Audio on wireless networks
Audio service over networks
Next-generation coding technologies
 Low bit-rate audio and speech coding
 Unified audio coding paradigms
Immersive audio
 3-D sound technologies
 Virtual sound manipulation
 Flexible rendering of audio objects

Interactive and social audio
 Social music and audio in the cloud
 Interactive audio, game audio, and
 Java audio
Next-generation audio signal processing
Low-power implementation of
 handheld audio devices
Technology for small transducers

SCHEDULE FOR PAPERS

Please submit complete 4- to 10-page papers at www.aes.org/43rd_authors by **2011 June 1**. If you have any questions, contact: Papers cochairs Young-cheol Park and Eunmi Oh at 43rd_papers@aes.org

Proposal deadline: 2011 June 1

Acceptance emailed: 2011 June 17

Revised paper deadline: 2011 July 15

WORKSHOPS AND TUTORIALS

By 2011 June 1 email proposals for workshops and tutorials to workshops chair Hyun-O Oh at 43rd_workshops@aes.org

For updates on the conference go to www.aes.org/conferences/43