

ESTIMedia 2010

The 8th IEEE Workshop on Embedded Systems for Real-time Multimedia

October 28-29, 2010
Scottsdale, AZ

Call for Papers: ESTIMedia 2010

The 8th IEEE Workshop on Embedded Systems for Real-Time Multimedia
October 28-29, 2010, Scottsdale, AZ, USA

The IEEE ESTIMedia'10 is organized as a part of the Embedded Systems Week 2010
<http://www.estimatedia.org>

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The IEEE ESTIMedia aims to bring together people from different multimedia-related research communities who have worked separately, but did not interact sufficiently to address the challenges facing the design of hardware and software for multimedia systems. All accepted papers will appear in the workshop proceedings (electronic only) to be published by the IEEE.

Like in 2008 and 2009, the best papers from ESTIMedia'10 will be considered for a special issue/section of ACM Transactions on Embedded Computing Systems (TECS).

Areas of Interest (but not restricted to)

- Specification and modeling of multimedia systems
- Multimedia systems design methodologies and case studies
- Circuits and architectures for embedded multimedia architectures
- Multimedia processors and reconfigurable architectures
- Emerging trends (SoCs, NoCs, game applications, etc.)
- Validation and verification
- Software optimization and compiler techniques
- Timing aspects of media streams
- Scheduling of media processing
- Resource and QoS management methods
- Temporal estimation and protection of media streams
- Real-time kernels, OS and middleware support

Paper Submission Guidelines

Both research and application-oriented papers are welcome. Research papers should describe original research, such as new ideas, promising approaches and experiences with practical systems. Application-oriented papers should describe interesting technical aspects of real-life applications, prototypes, experiences, and standards. All papers should be submitted electronically via the workshop webpage. Papers must be in PDF format and should include (1) title, (2) authors and affiliation, (3) e-mail address of the contact author. Submissions must be limited to 10 pages, single-spaced, double-column IEEE format with 10-point fonts. Papers deviating significantly from these paper size and font constraints may be rejected without review. All submitted papers should have original content that has not been previously published in other conferences or journals.

Any questions regarding the submission process may be directed to the TPC Co-Chairs Naehyuck Chang (naehyuck@elpl.snu.ac.kr) or Jörg Henkel (henkel@kit.edu).

Important Dates

Submission deadline:	July 11, 2010	July 18, 2010 (Extended)
Author notification:	August 30, 2010	
Camera-ready version:	September 12, 2010	
ESTIMedia workshop:	October 28-29, 2010	