GlobalSIP 2013

IEEE Global Conference on Signal and Information Processing

Low-Power Systems and Signal Processing

www.ieeeglobalsip.org/sym/13/lpssp   December 3-5, 2013 • Austin, Texas, U.S.A.

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Call for Papers

Ever-shrinking electronic devices require dense circuitry and integrated power, and demand solutions that minimize power and maximize efficiency. Devices must be self-sustaining or very power-efficient to reduce the need for replacement and achieve a greener footprint. Current systems and signal processing paradigms simply consume too much power to meet the projected requirements for ubiquitous sensor nodes.

There have been significant advances in architectures for power-efficient signal processing, but there is still a need to develop low-power signal processing methodologies and ultra-low-power processing platforms to drive down sensor node power requirements. Further, the developments in these areas have to be complementary to truly achieve acceptable performance for the sensor nodes.

The Low-Power Systems and Signal Processing Symposium is an attempt to share ideas on all the aspects of low-power signal processing; analog front-end design, algorithm development and digital hardware architecture.

Topics of interest include:

- Speech, Audio and Signal Processing
- Vision and Image Processing
- Bio-Medical Signal Processing
- Sensor Analytics
- Sensor Fusion
- Distributed Sensor Networks
- Body Area Networks

Paper Submission
Paper submission will be online only through the GlobalSIP 2013 website. Papers should be in IEEE two-column format and no longer than 4 pages.

Symposia Website
Full details, new updates, and submission instructions can be found on the symposia website, http://www.ieeeglobalsip.org/sym/13/LPSSP

Important Dates	
Paper Submission Deadline	June 15, 2013
Review Results Announce	July 30, 2013
Camera-Ready Papers Due	September 7, 2013

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