



# SiPS 2008

## IEEE Workshop on Signal Processing Systems

October 8-10, 2008,  
Washington, DC Metropolitan Area



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IEEE Signal Processing Society  
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### Important Dates:

Paper Submission	April 2, 2008
Acceptance Notification	June 18, 2008
Camera Ready Paper	July 20, 2008
Registration Deadline	July 31, 2008

### Conference Management:

Conference Management Services Inc.  
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## CALL FOR PAPERS

The **IEEE 2008 Workshop on Signal Processing Systems (SiPS 2008)** will be held in the Washington, DC metropolitan area, USA on **October 8-10, 2008**. SiPS is a major international forum for discussion of new technology progress and innovations in the design and implementation of multimedia and telecom oriented digital signal processing systems. Prospective authors are invited to submit manuscripts on topics including, but not limited to:

- Multimedia Signal Processing
- Image, Video and Machine Vision
- Coding and Compression
- Multimedia Analysis and Content Extraction
- Medical Applications
- Multiple-Input-Multiple-Output (MIMO) wireless systems
- Software Defined Radio
- VLSI Systems for Wireless Sensor Networks and RF Identification Systems
- Cross-Layer Design of Wireless Networks
- Programmable and Reconfigurable DSP Architectures
- Design Methodologies and CAD Tools for VLSI signal processing systems
- Application-Specific Integrated Circuits and Architectures
- Low-Power Signal Processing Circuits and Architectures
- FPGA-based Architectures
- System Integration and Modeling
- Systems on Chip and Networks on Chip
- Bio and Nanotechnologies in Signal Processing

The SiPS conference theme for 2008 is **Platforms for Embedded Signal Processing: Trends in Reconfigurable and Multiprocessor Architectures**. The workshop program will include keynote speeches; contributed papers; and oral and poster sessions. Authors should submit a PDF version of their papers through the web based submission system. Please see the conference website ([www.sips08.org](http://www.sips08.org)) for details.

As the U. S. national capital, **Washington, D. C.** provides proximity to a wide variety of research institutions in academia, government, and industry. It is home to numerous tourist attractions, including national museums, presidential monuments, government buildings, and international embassies. The metropolitan region has excellent public transportation, including the Washington metro subway system, which allows for convenient and inexpensive exploration throughout the area.

