



Eighth IEEE Dallas Circuits and Systems Workshop

October 4 - 5, 2009
The University of Texas at Dallas

CALL FOR PAPERS

Energy Efficient Circuits and Systems

<http://ewh.ieee.org/soc/cas/dallas/wks2009/>

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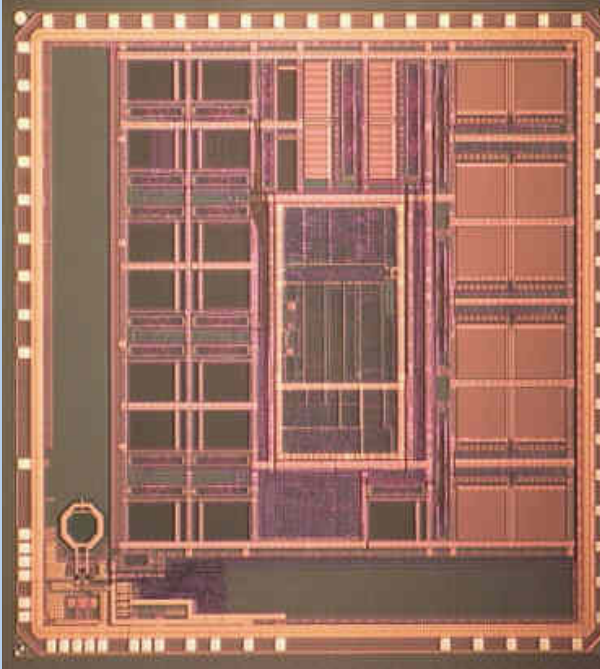
Sudhind Dhamankar

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Technical Program

The technical program committee invites people from academia and industry to contribute new and previously unpublished results and/or concepts with simulation results in the following areas related to circuits and system design:

Ultra Low Power Analog and Digital Circuits
Ultra low power RF Circuits and Components
Circuits for Biomedical Applications
Circuits for Energy Conversion and Harvesting
Energy Efficient Processors
Power Supply Distribution
Reconfigurable Processors
Low Voltage and Mixed Signal Circuits
Low power Data Converters (A/D and D/A)
Power Management for SoC
CAD for Power Optimization
On-chip Interconnects
Low power Clocking Techniques

The increasing scale of integration of systems of all types is resulting in higher demands for energy efficiency. In particular, the increasing prevalence of battery-operated devices, such as for remote sensing, biomedical applications and wireless communications, poses various challenges related with energy consumption, dissipation, and harvesting.

IEEE Circuits and Systems Society Dallas chapter is conducting a two day workshop (DCAS-2009) to provide a forum for sharing recent work on **Energy Efficient Circuits and Systems**.

DCAS-2009 is sponsored by the IEEE Circuits and Systems Society (Dallas Chapter), and will be held on the campus of the University of Texas at Dallas.

Papers will be accepted for lecture or poster presentation. All accepted papers will be printed in the conference proceedings and online at IEEE Xplore.

Submission Guidelines

Authors are invited to submit a paper draft, not to exceed four pages. Submissions should be made directly using the upload facility that is accessible at the workshop website. The submission must include the title, authors' names, affiliations, and contact e-mail. Please contact Dr. Bhaskar Banerjee (bhaskar.banerjee@utdallas.edu) for submission related questions.

Paper Submission Details

Extended Submission Deadline :

August 10, 2009

Acceptance Notice : **Aug. 24, 2009**

Camera Draft Due : **Sep. 11, 2009**

Submission Website:

<http://ewh.ieee.org/soc/cas/dallas/wks2009/>