



March 28-30, 2010
White Plains, NY

CALL FOR PAPERS

International Symposium on Performance Analysis of Systems and Software – ISPASS-2010

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The IEEE International Symposium on Performance Analysis of Systems and Software provides a forum for sharing advanced academic and industrial research work focused on performance analysis in the design of computer systems and software. Authors are invited to submit previously unpublished work for possible presentation at the conference. Papers are solicited in fields that include the following:

- Performance evaluation methodologies
 - Analytical modeling
 - Statistical approaches
 - Tracing and profiling tools
 - Simulation techniques
 - Hardware (e.g., FPGA) accelerated simulation
 - Hardware performance counter architectures
 - Techniques for modeling power/reliability of computer systems
- Performance analysis
 - Performance metrics
 - Bottleneck identification and analysis
 - Visualization
- Performance analysis of commercial and experimental hardware
 - General-purpose microprocessors
 - Multi-threaded, multi-core and many-core architectures
 - Accelerators and graphics processing units
 - Embedded and mobile systems
 - Enterprise systems and data centers
 - Supercomputers
 - Computer networks
- Performance analysis of emerging workloads and software
 - Software written in managed languages
 - Virtualization and consolidation workloads
 - Internet-sector workloads
 - Embedded, multimedia, games, telepresence
 - Bioinformatics, life sciences, security, biometrics
- Application and system code tuning and optimization
- Confirmations or refutations of important prior results

Next to **research papers**, we also welcome **tool papers** in order to reward tool-building effort and publicize new tools to the community. Tool papers will be judged more so on their potentially wide impact and use than on their research contribution. Tools in any of the above fields of interest are eligible.

See <http://www.ispass.org> for submission details.

IMPORTANT DATES

Full submission: Oct 2, 2009

Rebuttal: Dec 4-5, 2009

Notification: Dec 19, 2009

Final paper due: Jan 29, 2010