

CALL FOR PAPERS
12th International Workshop on
Microprocessor Test and Verification
(MTV 2011)

Common Challenges and Solutions

**December 5-7, 2011, Hyatt Regency On Town Lake,
Austin, Texas, USA.**

<http://mtvcon.org>

General Chair: Magdy S. Abadir (Freescale, USA) – m.abadir@freescale.com

Co-Chairs: Li-C. Wang (UCSB, USA) – licwang@ece.ucsb.edu Jay Bhadra (Freescale, USA) – jayanta.bhadra@freescale.com

THE PURPOSE of this workshop is to bring researchers and practitioners from the fields of verification and test together to exchange innovative ideas and to develop new methodologies to solve the difficult challenges facing us today in various processor and SOC design environments. In the past few years, some work has been done on exploiting techniques from test to solve problems in verification and vice versa. This is the 12th edition of the MTV Workshop, a testament to its success in providing an ideal environment for cross-examination of test and verification experiences and innovative solutions.

AREAS OF INTEREST include, but not limited to:

- *Validation of microprocessors and SOCs*
- *Test/Verification of multimedia processors*
- *Performance testing*
- *High-level test generation for functional verification*
- *Emulation techniques*
- *Silicon debugging*
- *Low Power verification*
- *Formal techniques and their applications*
- *Verification coverage*
- *Equivalence checking of custom circuits*
- *ESL Methodology*
- *Virtual Platforms*
- *Software verification*
- *Circuit level verification*
- *Switch-level circuit modeling*
- *Timing validation techniques*
- *Path analysis for verification or test*
- *Design error models*
- *Design error diagnosis*
- *Design for Testability or Verifiability*
- *Optimizing SAT procedures with applications to testing and formal verification*

AUTHOR INFORMATION: By the paper deadline authors are invited to submit postscript or PDF versions of their extended abstracts (max 2 pages) or papers (max 6 pages), with author names, affiliation, addresses, telephone and fax numbers, e-mail address, and the name of the person who will present the work if accepted. Authors of accepted papers can choose to submit a full paper (max 6 pages) that will be available through CPS. The final camera ready version will be due before the workshop. Detailed instructions about the process will be provided at the time of acceptance.

Special Sessions, Panels and Tutorials: Proposals for special sessions, panels and tutorials are also invited. Please email the abstract of your proposals directly to the program chair as early as possible before paper submission deadline.

Organizing Committee (to include):

Publication: Aseem Gupta (Freescale)
Publicity: Himyanshu Anand (Freescale)
European/Asia: Alper Sen (Bogazici U.)
Committee: Moshe Levinger (IBM)

Publication: Vivekananda Vedula (Freescale)
DVClub: Eric Hennenhoefer (Obsidian)
Committee: Andreas Veneris (U. of Toronto)

Authors to submit papers through the MTV website: <http://mtvcon.org>

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AUTHOR SCHEDULE: Submission deadline: **Sept 15, 2011**; Notification: **Oct 15**; Final version: **Nov 10, 2010**