

40TH DESIGN AUTOMATION POST-CONFERENCE

convened June 2-6, 2003



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Best Paper in the Front-End Design Category

Session 10.5: ["The Synthesis of Cyclic Combinational Circuits"](#)

Marc D. Riedel, Jehoshua Bruck - *Caltech, Pasadena, CA*
An Innovative Approach in Logic Synthesis

Two Best Papers in the Back-End Design Category

Session 8.1: ["Random Walks in a Supply Network"](#)

Haifeng Qian, Sani R. Nassif - *Univ. of Minnesota, Minneapolis, MN*
Sachin S. Sapatnekar - *IBM Corp., Austin, TX*
A Promising Approach in Analyzing Power Distribution

Session: 29.1: ["NORM: Compact Model Order Reduction of Weakly Nonlinear Systems"](#)

Peng Li, Lawrence T. Pileggi - *Carnegie Mellon Univ., Pittsburgh, PA*
Excellent Results in the Analysis of Non-linear Circuits

Best Paper in the Embedded-Systems Category

Session 15.3: ["Automatic Application-Specific Instruction-Set Extensions under Microarchitectural Constraints"](#)

Kubilay Atasu, Laura Pozzi, Paolo Ienne - *Swiss Federal Institute of Technology, Lausanne, Switzerland*
A Promising Approach to Reconfigurable Processor Design

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