

# 40TH DESIGN AUTOMATION POST-CONFERENCE

convened June 2-6, 2003



40th proceedings

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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 Minneasota, 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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