

## Candidate for Executive Committee

R. Iris Bahar  
Brown University, Providence, RI USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., University of Colorado-Boulder, 1995, Electrical and Computer Engineering.

#### Professional Experience:

Associate Professor of Engineering, Brown University, Providence, RI, 2003 – 2009;  
Assistant Professor of Engineering, Brown University, Providence, RI, 1996 – 2003;  
Research Assistant, University of Colorado, Boulder, CO, 1992 – 1995.

#### Professional Interest:

CAD for synthesis, verification, and low-power design of integra; Design, test, and reliability issues for nanoscale systems; Hardware/Software design of multi-processor systems.

#### ACM Activities:

Associate Editor, ACM Journal of Emerging Technologies in Computing, 2006 – 2009;  
Emerging Technologies co-chair, SIGDA Technical Committee, 2006 – 2009;  
Member, SIGMICRO, 1997 – 2009.

#### Membership and Offices in Related Organizations:

Member, IEEE Computer Society, 1994 – 2009.

#### Awards Received:

ACM: Recognition of Service Award, Program Chair IWLS, 2005; Technical Leadership Award, SIGDA E-Newsletter, 2005.

Other: Tau Beta Pi, the engineering honor society, 1984, Eta Kappa Nu, the electrical engineering honor society, 1984; Sigma Xi, the scientific research society, 1998.

### **STATEMENT**

I have been an active participant in ACM/SIGDA activities for many years. As Educational Activities Chair, I believe I can continue to make valuable contributions. In particular, I have the following goals and interests in mind if elected to serve as chair:

- 1) Heighten the awareness of the role of EDA within the computing community at large
- 2) Outreach to undergraduate students who may be interested in EDA as a career focus
- 3) Promote education-oriented workshops at EDA conferences
- 4) Continue to support efforts such as CADathlon, summer schools, Ph.D. forums

- 5) Developing joint educational activities among SIGs with overlapping interests (e.g., SIGMICRO, SIGBED, SIGARCH)