

## Candidate for Executive Committee

Farzan Fallah  
Envis Corporation, Santa Clara, CA USA

### **BIOGRAPHY**

#### Academic Background:

Ph.D., MIT, 1999, Electrical Engineering and Computer Science.

#### Professional Experience:

Engineering Director, Envis Corporation, Santa Clara, CA, 2008 – Present;  
Member of Research Staff, Fujitsu Labs. of America, Sunnyvale, CA, 1999 – 2008;  
Consulting Professor, USC, Los Angeles, CA, 2005.

#### Professional Interest:

Low Power Design; Verification and Validation of HW/SW; Compiler Design; Computer Architecture; VLSI Design.

#### ACM Activities:

Vice Chair, Low Power Technical Committee of SIGDA, 2008 – Present;  
Associate Editor, ACM Transactions on Design Automation of Electronic Systems, 2008 – Present;  
Sub-committee Co-Chair, International Symposium on Low Power Electronics and Design, 2008;  
Organizing Committee Member, International Symposium on Low Power Electronics and Design, 2006 – 2009.

#### Membership and Offices in Related Organizations:

Track Co-Chair, International Conference on Computer Design, 2008;  
Technical Program Committee Member, Design Automation and Test in Europe, 2005 – 2009.

#### Awards Received:

ACM: Best Paper Award, Design Automation Conference, 1998.  
Other: Best Paper Award, International Conference on VLSI Design, 2005;  
17 Intellectual Property Awards, Fujitsu Labs of America, 1999 – 2009.

### **STATEMENT**

SIGDA has recently established Technical Committees to better serve specific areas of EDA. As the vice chair of the Low Power Technical Committee, I wrote the first draft of the bylaws which is currently used by the LPTC and other technical committees.

I have also initiated a project to use data mining techniques to classify scientific papers. Upon completion, the system will automatically classify low power papers based on their topics. This would enable researchers to see the trend of research done on different topics over the years which will help them to better choose their research topics. Furthermore, it will make it easy to find all papers published on a particular topic.

If elected,

1. I will continue working on the paper classification project and will try to make it part of the ACM digital library so all ACM members will benefit from it.
2. With the help of other members of the scientific community, I will come up with a set of guidelines for the paper review and selection process in conferences and journals to make the process more efficient.