

Candidate for Executive Committee

Vikas Chandra
ARM, Sunnyvale, CA USA

BIOGRAPHY

Academic Background:

Ph.D., Carnegie Mellon University, 2004, Electrical and Computer Engineering.

Professional Experience:

Staff R&D Engineer, ARM, Sunnyvale, CA, 2007 – Present;
Member of Technical Staff, Tabula Inc., Santa Clara, CA, 2004 – 2006;
Research Assistant, CMU, Pittsburgh, PA, 2000 – 2004.

Professional Interest:

High performance and low power design; Low voltage design techniques; SRAM circuits and architectures; Design for manufacturability; Reliability aware design.

ACM Activities:

Co-chair, Technical Committee on FPGA and Configurable Computing, SIGDA, 2006 – Present;
Co-organizer, 2009 Design Automation Summer School (DASS), SIGDA, 2009;
Co-organizer, 2007 Design Automation Summer School (DASS), SIGDA, 2007.

Membership and Offices in Related Organizations:

Finance chair, SELSE 2009, IEEE, 2008 – 2009;
TPC Member for various conferences - CICC, ICCD, VLSI etc., IEEE, 2005 – Present.

STATEMENT

I have been an active member of the SIGDA community since 2006. I truly believe that SIGDA initiatives are very beneficial to the VLSI Design Automation Community. My vision of SIGDA is to help educate world class researchers and to help current researchers solve problems in the domain which will be very critical in coming years. To this end, I have been involved with a couple of SIGDA initiatives. I have had the opportunity to co-organize the SIGDA Design Automation Summer School. I learnt a great deal about how to use SIGDA as a platform to educate the next generation of engineers and researchers. I am also the co-chair for SIGDA Technical Committee and we focus on creating research awareness in the domain of FPGA and Configurable Computing.

As a member of the Executive Committee, I would make sure that the vision of SIGDA gets further strengthened. Further, I would like SIGDA to play a role in bridging the gap between academia and industry so that exploratory research can be transferred to commercial products. I am very honored to be nominated for the post of SIGDA Executive Committee member and if elected, I would do my best to serve SIGDA.