

Candidate for Executive Committee

Naehyuck Chang
Seoul National University, Seoul, Korea

BIOGRAPHY

Academic Background:

Ph.D., Seoul National University, 1996, Control and Instrumentation Engineering.

Professional Experience:

Assistant/Associate Professor, Seoul National University, Seoul, Korea, 1997 – 2009;
Visiting Associate Professor, Arizona State University, Tempe, AZ, 2005;
Technical Advisor, Sindoricoh Co., Ltd., Seoul, Korea, 2001 – 2009.

Professional Interest:

Low-power systems design; Embedded systems design and implementation; Fuel-cell and battery hybrid systems for portable electronics; Automotive electronics.

ACM Activities:

Technical Program Co-Chair, International Symposium on Low-Power Electronics and Design, 2009 – Present;
Chair, ACM SIGDA Low-Power Technical Committee, 2008 – 2009;
Local Arrangement and Registration Chair, International Conference on Hardware-Software Codesign and System, 2006;
Technical Program Committee, Design Automation Conference, 2004 – 2006.

Membership and Offices in Related Organizations:

Senior Member, IEEE, 2005 – 2009; Senior Member, ACM, 2007 – 2009.

Awards Received:

ACM: Low-Power Design Contest Award, ISLPED, 2007; Low-Power Design Contest Award, ISLPED, 2004; Low-Power Design Contest Award, ISLPED, 2003; Low-Power Design Contest Award, ISLPED, 2002.
Other: Korea Research Foundation Grant Research Professor, 2009; Best Lecture Award, College of Engineering, Seoul National University, 2007; LG Yonam Foundation Research Professor, 2005; Best Lecture Award, College of Engineering, Seoul National University, 2000.

STATEMENT

I have been participating in the major ACM SIGDA sponsored conferences and events such as DAC, ICCAD, ISLPED, CODES+ISSS, ASP-DAC, SIGDA PhD Forum, SIGDA University Booth and so forth, as a Technical Program Committee member, an Organizing

Committee member and/or an active participant over a decade. I also have contributed to those events presenting many innovative low-power system design research papers and demonstrations. I'm currently the ACM SIGDA Low-Power Technical Committee Chair, and also serve as a Committee member of ACM SIGDA PhD Forum and Graduate Scholarship. I have created a new website for the Low-Power Technical Committee and now share the resource with other Technical Committees. Through such activities, I am familiar with the dynamics of the ACM SIGDA activities.

As a SIGDA Executive Committee member, I would like to participate to the ACM SIGDA activities and events with deeper involvement. Dedicating my expertise of low-power design, I will actively contribute to the research and educational activities in ACM SIGDA. Through this election, I would like to have an opportunity to make my efforts toward a big success of ACM SIGDA.