

Candidate for Vice Chair

Wang Yi
Uppsala University, Uppsala, Sweden

BIOGRAPHY

Academic Background:

Ph.D., Chalmers Univ of Technology, Sweden, 1991, Computer Science.

Professional Experience:

Full professor (chair holder) in embedded systems, Uppsala University, Sweden, 2009 – Present;

Full professor in real-time systems, Uppsala University, Sweden, 2000 – 2009;

Associate professor, Uppsala University, Sweden, 1994 – 2000.

Professional Interest:

Embedded systems design; Embedded software on multicore platforms; Sensor networks; Model checking of real-time systems; Theory of timed systems.

ACM Activities:

Executive Committee Member of EMSOFT, SIGBED, 2006 – 2009;

Program co-chair of EMSOFT 2006, SIGBED, 2006 – 2007.

Awards Received:

Recognition of Service Award, 2007.

STATEMENT

If elected as a vice-chair of SIGBED, I will assist the chair of SIGBED and the SIGBED board to promote and extend the current SIGBED activities in particular, the SIGBED conferences and Journal publication. I have served as program chairs for several international conferences e.g. TACAS, FORMATS, EMSOFT, RTSS design and verification track, and an editor for IEEE transactions on computers. In co-chairing EMSOFT 2006 with professor Sang Lyul Min, I have taken an active role to establish EMSOFT as one of the top conferences on embedded systems.

While ACM is becoming the leading computing society worldwide, I think it is important for SIGBED to take initiatives in other parts of the world. I believe my connections with China, Korea and Europe, my track record in research, and my experiences in organization of academic events will help to develop SIGBED to be the leading community in embedded systems areas worldwide.