

Candidate for Vice Chair

Xiao-Shan Gao

Institute of Systems Science, Chinese Academy of Sciences, Beijing, China

BIOGRAPHY

Academic Background:

Ph.D., Chinese Academy of Sciences, 1988, Applied Mathematics.

Professional Experience:

Director (2003-present) and Professor, Institute of Systems Science, Chinese Academy of Sciences, Beijing, China, 1997 – Present;

Research Scientist, Wichita State University, Wichita, KS, 1994 – 1996;

Post-Doctoral Fellow, University of Texas at Austin, Austin, TX, 1988 – 1990.

Professional Interest:

Symbolic computation; Automated reasoning; Computer aided design; Differential algebra.

ACM Activities:

Chair, ISSAC Steering Committee, 2008 – 2009;

Co-Chair, ACM ISSAC, 2005;

Track Co-Chair, ACM SAC, 2006 – 2009;

PC Member, ISSAC 2003, 2008.

Membership and Offices in Related Organizations:

Chair, Chinese Society of Computer Mathematics, CMS, 2007 – 2010;

Member, IEEE Computer Society, 1999 – 2009.

Awards Received:

A first class prize in natural science from CAS, 1995; A Chinese national second class prize in natural science, 1997; Best Paper Award, Asian Symp on Mathematics Technology, 1999; Zhong-Chuang Software Award, 2006.

STATEMENT

I have been an active participant of ACM/SIGSAM activities through its flagship conference ISSAC. I believe the field of symbolic and algebraic computation will have new breakthroughs and more profound applications. As vice chair, I will assist the chair to promote the status of SIGSAM and the field of symbolic and algebraic computation by attracting more young researchers into the field, by providing better services to current members, and by introducing more cooperation between our field and other research communities and possibly industries.