

Biography



Guang R. Gao is a computer scientist and the 2017 Recipient of the IEEE Computer Society B. Ramakrishna Rau Award. Gao has received his undergraduate education in Tsinghua University in Beijing. He received his Master and Ph.D degree in 1982 and 1986 respectively both in Computer Science at Massachusetts Institute of Technology (MIT). Gao is an ACM Fellow and IEEE Fellow. He has been awarded an Endowed Named Professorship of Electrical and Computer Engineering at University of Delaware. Gao is a founder and chairman of the IEEE/CS Dataflow STC – the Special Interested Community of Parallel Model and System: Dataflow and Beyond.

CURRENT RESEARCH AREAS:

Parallel computer architecture (specialized in dataflow model of computation); parallel program execution and programming models and compiler technology (static and dynamic optimization and parallelization), adaptive system software (e.g. self-aware runtime systems) and Applications

GAO'S QUALIFICATION and Profile for Sponsored RESEARCH

Gao has successfully led and participated in a considerable number of R&D projects his research area as PI or Co-PI, and senior research personnel. The sponsors of these funded projects include. DoD (DARPA, NSA, Airforce), DOE, and NSF.

Gao has many publications in reputed international journals and conferences. He actively participated in many international conferences/workshops/meeting -- as a member of organizing/steering/program committees or as a keynote speaker, invited speaker or panelist He has served on the editorial boards of several international journals.

For more his publication list and contribution to the research community – please see his full CV