

**Dr. Hassan GOMAA**  
**Professor**  
**Department of Computer Science**  
**George Mason University, Fairfax, VA**

**UNIVERSITY EDUCATION**

- University College, London University, England  
B.Sc.(Eng.) First Class Honors in Electrical Engineering.
- Imperial College, London, England  
Diploma of Imperial College (DIC) in Computer Science
- Imperial College, London, England  
Ph.D. in Computer Science

**AWARDS**

- Certificate of Merit for Paper submitted & presented, Tri-Ada Conference, 1991.
- Outstanding Paper Award, IEEE International Conf. on the Engineering of Complex Computer Systems, 1995.
- Award for Outstanding Research Contributions, Dept. of Information and Software Engineering, George Mason University, 2001.
- Best Paper Award, IEEE/ACM International Workshop on Software Variability, MODELS Conference, Wellington, New Zealand, October 2011.

**GEORGE MASON UNIVERSITY**, Volgenau School of Engineering, Fairfax, Virginia, USA:  
January 2008 – Present: Full Professor, Department of Computer Science  
January 2008 – August 2011: Chair, Department of Computer Science  
June 2002 – December 2007: Chair, Department of Information and Software Engineering  
September 1987 – December 2007: Full Professor, Department of Information and Software Engineering

**Research Interests:** software modeling and design for concurrent, real-time, and distributed systems, software architecture, software product lines, software reuse, adaptable software architectures and patterns, software performance engineering, intelligent software agents, software engineering environments, and software process models.

**Research Funding:** National Science Foundation, NASA, DARPA, AFOSR, FAA, Siemens, Hughes Applied Information Systems, Software Productivity Consortium, Virginia Center Of Innovative Technology, Virginia Center Of Excellence in Software Reuse, CTA, American Management Systems, and Northrop Grumman.

**Teaching:** Graduate coordinator and co-developer of MS program in Software Engineering. Taught MS and PhD courses in Software Requirements, Software Design, Software Project Lab, Real-Time Software Design, Reusable Software Architectures.

**PhD Advising:** Dissertation director for 14 PhD students who graduated with PhDs in Information Technology with Software Engineering concentration.

**Publications:** Five textbooks (three translated into Chinese) and over 200 technical papers.

**Consulting** on software engineering technology and management: Software Productivity Consortium, US Army PERSINSD, Lockheed Martin, Pragmatics Inc., Sperry Marine, Hughes Training Inc., Netrix Corp, Hitachi Institute of Technology, Communication Technologies, Inc.

**Short Courses** on design of object-oriented, client/server, real-time systems and software product lines, ACM Professional Development seminars, several conference tutorials. Taught in-depth industrial courses on software design in North America, Europe, and Asia, at the Software Productivity Consortium (for SPC's member companies including Lockheed Martin, Northrop Grumman, Boeing, Rockwell, General Dynamics), Boeing Satellite Systems, BAE Systems, Raytheon Corp., Mitre Corporation, NASA, LCC, Pragmatics Inc., Nokia, Philips Research Labs, Hitachi Institute of Technology, and Samsung Electronics.

**Keynote Speaker:** 11<sup>th</sup> Asia-Pacific Software Engineering Conf, Busan, Korea, December 2004; 9<sup>th</sup> ACM/IEEE International Conference on Model Driven Engineering Languages and Systems, Genoa, Italy, October 2006, International Conference on Software Engineering Advances, Malta, October, 2008, IEEE Computer Software and Applications Conference, Korea, July 2010.

**Professional Service:** Program Co-Chair, IEEE International Workshop on Software Performance, 2000, Program Co-Chair, IEEE International Conf. on Engineering of Complex Computer Systems, 1997, Member of the Editorial Board of Journal on Software and Systems Modeling, PC Member of several international conferences.