The 2010 Louisiana Distinguished Lecture Series

The Center for Advanced Computer Studies

University of Louisiana at Lafayette
Lafayette, Louisiana

Proudly announces the guest speaker

Dr. Jeannette M. Wing
President’s Professor of Computer Science
Computer Science Department
Carnegie Mellon University

who will give a presentation entitled

Frontiers in Research and Education in Computing:
A View from the National Science Foundation

Abstract: The NSF Computer and Information Science and Engineering Directorate funds 84% of all academic computer science research in the United States. I will present highlights of CISE’s research and education programs, including current interests in cyber-enabled discovery and innovation, cyber-physical systems, data-intensive computing, network science and engineering, socially intelligent computing, and trustworthy computing; and future interests in sustainability and computational economics. I will also put NSF’s investments in computing within the broader national and international context.

Thursday, March 18, 2010
11:00 A.M. ~ OLIVER 112

Biography: Dr. Jeannette M. Wing is the President’s Professor of Computer Science in the Computer Science Department at Carnegie Mellon University. She received her S.B. and S.M. degrees in Electrical Engineering and Computer Science in 1979 and her Ph.D. degree in Computer Science in 1983, all from the Massachusetts Institute of Technology. From 2004-2007, she was Head of the Computer Science Department at Carnegie Mellon. Currently on leave from CMU, she is the Assistant Director of the Computer and Information Science and Engineering Directorate at the National Science Foundation.

Professor Wing’s general research interests are in the areas of specification and verification, concurrent and distributed systems, programming languages, and software engineering. Her current focus is on the foundations of trustworthy computing.

Professor Wing was or is on the editorial board of twelve journals. She has been a member of many advisory boards, including: the Networking and Information Technology (NITRD) Technical Advisory Group to the President’s Council of Advisors on Science and Technology (PCAST), the National Academies of Sciences’ Computer Science and Telecommunications Board, ACM Council, the DARPA Information Science and Technology (ISAT) Board, NSF’s CISE Advisory Committee, Microsoft’s Trustworthy Computing Academic Advisory Board, the Intel Research Pittsburgh’s Advisory Board, and the Sloan Research Fellowships Program Committee. She is a member of AAAS, ACM, IEEE, Sigma Xi, Phi Beta Kappa, Tau Beta Pi, and Eta Kappa Nu. Professor Wing is an AAAS Fellow, ACM Fellow, and IEEE Fellow.

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