GRZEGORZ W. WASILKOWSKI

Ph.D.: Computer Science and Mathematics, University of Warsaw, 1980.
M.Sc.: Computer Science, University of Warsaw, 1977.

EMPLOYMENT:

1990 to present: *Professor*, Department of Computer Science, University of Kentucky.
Spring 2002: *Visiting Researcher*, Department of Mathematics, Hong Kong Baptist University.
1993 to 2006: *Director of Graduate Studies*, Department of Computer Science, University of Kentucky.
1987 to 1990: *Associate Professor*, Department of Computer Science, University of Kentucky.
1985 to 1987: *Associate Professor*, Computer Science Department, Columbia University.
1983 to 1985: *Assistant Professor*, Computer Science Department, Columbia University.
1982 to 1983: *Visiting Assistant Professor*, Computer Science Department, Columbia University.
1980 to 1982: *Assistant Professor*, Department of Mathematics, Computer Science and Mechanics, University of Warsaw.
1978 to 1979: *Visiting Scholar*, Computer Science Department, Carnegie-Mellon University.

DISTINCTIONS:

-: *Information-Based Complexity Prize for 2001*
-: *Best Paper Presentation* at the *1990 American Control Conference* may 1990, San Diego.
-: Award of the Ministry of Science, Poland, for the Ph.D. dissertation, 1980.
-: Four Awards of the Ministry of Science, Poland, for research achievements, 1979, 80, 81, 88.
-: MS Thesis awarded as the Best CS Thesis in Poland, 1977; published in *J. ACM.*

PROFESSIONAL ACTIVITIES:

-: Author of over 100 publications and 2 research monographs.
-: Invited lectures including:
• Invited Talk at *13th World Computer Congress (IFIP)*, Hamburg, 1994.
• Plenary Address at *2nd Symposium of Federation on Computational Mathematics*, Rio de Janeiro, 1997.
• Plenary Talk at *5th International Conference on Monte Carlo and Quasi-Monte Carlo Methods,* Singapore, 2002.
• Plenary Talk at *Modern Computational Methods in Applied Mathematics*, Bedlewo, Poland, 2004.
• Plenary Talk at *9th International Conference on Monte Carlo and Quasi-Monte Carlo Methods,* Warsaw, Poland, 2010.
-: Member of the editorial board of *Journal of Complexity.*

-: One of tree editors of a (540 pages long with 32 papers) special issue of *Journal of Complexity* dedicated to H. Woźniakowski for his 60th birthday.

-: Co-editor of a number of special issues of *J. of Complexity*; a juror for *J. of Complexity Best Paper Award*, co-organizer of a number of special sessions/workshops.

-: Director of Graduate Studies (from 1993-2007).

-: Member of the University Graduate Council (1997-2000 and 2003-2006).

-: Member of the University Senate (2009-2012).

SELECTIVE PUBLICATIONS:

(1) F. Y. Kuo, I. H. Sloan, G. W. Wasilkowski, and B. J. Waterhouse, Randomly shifted lattice rules with the optimal rate of convergence for unbounded integrands, *J. of Complexity* **26** (2010), 135-160.

(2) F. Y. Kuo, I. H. Sloan, G. W. Wasilkowski, and H. Woźniakowski, Liberating the dimension, *J. Complexity* **26** (2010), 422-454.

(3) L. Plaskota and G. W. Wasilkowski, "Adaption allows efficient integration of functions with unknown singularities," with L. Plaskota, *Numerische Mathematik* **102** (2005), 123-144.

(4) L. Plaskota, G. W. Wasilkowski, and Y.Zhao, New averaging technique for approximating weighted integrals, *J. Complexity* **25** (2009), 268-291.

(5) J. F. Traub, G.W. Wasilkowski, and H. Woźniakowski, *Information, Uncertainty, Complexity*, Addison-Wesley, Reading, Ma., 1983. *Russian* translation by MIR, Moscow, 1988.

(6) J. F. Traub, G.W. Wasilkowski, and H. Woźniakowski, *Information-Based Complexity*, Academic Press, New York, NY, 1988.

(7) G. W. Wasilkowski, Information of varying cardinality, *J. of Complexity* **2** (1986), 204-228.

(8) G. W. Wasilkowski, Integration and approximation of multivariate functions: Average case complexity with isotropic Wiener measure, *Bulletin of the American Mathematical Society* **28** (1993), 308-314. Full version in: *J. of Approximation Theory* **77** (1994), 212-227.

(9) G. W. Wasilkowski and H. Woźniakowski, Explicit cost bounds of algorithms for multivariate tensor product problems, *J. of Complexity* **11** (1995), 1-56.

(10) G. W. Wasilkowski and H. Woźniakowski, Liberating the dimension for function approximation, *J. of Complexity*, to appear.