

Peter Winkler
CURRICULUM VITÆ (8/23)

Department of Mathematics
231 Kemeny Hall, Dartmouth
Hanover, NH 03755-3551

peter.winkler@dartmouth.edu
phone: 603-646-3468
FAX: 603-646-1312

research

combinatorics, probability, statistical physics, theory of computing

positions

Dartmouth College: William Morrill Professor, 6/11–
Albert Bradley Third Century Professor in the Sciences, 6/06–5/11
Professor of Mathematics 6/04– and Computer Science 6/06–
National Museum of Mathematics, Distinguished Professor
of the Public Dissemination of Mathematics, 9/19–8/20
Mathematical Sciences Research Institute, Berkeley CA:
Simons Visiting Professor, 1/12–5/12; Clay Senior Fellow, 1/05–3/05
Institute for Advanced Study, Princeton NJ: Member, 9/03–5/04
Bell Laboratories: Director, Fundamental Mathematics Research, 9/94–6/04
Bellcore: Director, Mathematics and Theoretical Computer Sciences Research, 9/89–8/94
Emory University: Professor of Mathematics and Computer Science, 9/89–8/91;
Associate Prof., 9/83–8/89; Asst. Prof., 9/77–8/83; Chairman, 9/86–8/88
Technische Universität Darmstadt: Humboldt Research Fellow, 9/84–7/85
Stanford University: Assistant Professor of Mathematics, 9/75–8/77
U.S. Naval Reserve: Special Duty Officer (Cryptography), active duty 5/69–8/71
Dept. of Defense (National Security Agency): Mathematician, 9/68–11/70

education

Yale U. 9/71–5/75: Ph.D. in mathematics; A. Robinson and A. Macintyre, advisors
Harvard U. 9/64–6/68: B.A. *summa cum laude* in mathematics

professional responsibilities

Editor, Springer book series, *Problems in Mathematics*
Advisory boards: MoMath, DIMACS

grants, awards, patents, publications

Sole PI: NSF, ONR, and NSA individual grants, 9/75–8/77, 7/83–10/92, 2/02–6/04, 7/06–
6/09, 7/09–6/12, 7/12–6/16, 7/16–6/19
Mathematical Association of America's Lester R. Ford Award, 1991; Robbins Prize, 2011
Fellow, American Association for the Advancement of Science, 2023–
Patents granted (11) and pending (1) in cryptography, holography, gaming, distributed comput-
ing, optical networking and marine navigation
Approximately 165 research papers, four books authored, three co-edited.