

Igor Pak
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Employment:

July 2009 – present *Full Professor, UCLA, Department of Mathematics*
July 2007 – June 2009 *Associate Professor, University of Minnesota, School of Mathematics*
July 2005 – June 2008 *Associate Professor, MIT, Department of Mathematics*
July 2000 – June 2005 *Assistant Professor, MIT, Department of Mathematics*
Jan. 1998 – June 2000 *J. W. Gibbs Instructor, Yale University, Department of Mathematics*
Fall of 1997 *NSF Postdoctoral Fellow, MIT, Department of Mathematics*

Education:

1994 – 1997 **Harvard University**, Department of Mathematics
Ph.D. awarded in June 1997 (Advisor: *Persi Diaconis*)
1989 – 1993 **Moscow State University**, Department of Mathematics

Grants:

NSF (2001-present) and NSA (2001-04, 2008-10)

Fellowships:

MSRI Postdoctoral Fellowship (Spring 2001), NSF Postdoctoral Research Fellowship in Mathematics (1997-2000), Hertz Foundation Fellowship (1995-97), French Math. Soc. Fellowship (1992-93), Moscow University Scholarship (1989-93).

Ph.D. students:

Mike Korn, Matjaz Konvalinka, Sergiy Sidenko (all MIT), *Stedman Wilson, Jed Yang, Anton Malyshev, Sam Miner, Andrew Soffer, Scott Garrabrant* (all UCLA)

Postdocs:

Greta Panova (now at UPenn), *Alejandro Morales, Stephen DeSalvo, Martin Tassy, Olya Mandelshtam* (all current postdocs at UCLA).

Research interests:

Discrete and Polyhedral Geometry, Algebraic, Enumerative and Geometric Combinatorics, Random Walks, Asymptotic and Probabilistic Group Theory

Publications:

over 95 papers in journals and refereed conference proceedings
1 research monograph (available on the web).

Selected Talks:

(over 400 invited talks all over the place)

Private Universities: Brandeis, CalTech, Chicago, Cornell, Duke, Harvard, HMC, MIT, Northeastern, Northwesterns, NYU, Princeton, Rice, Stanford, Yale, etc.
Public Universities: Ann Arbor, Austin, Arizona, Berkeley, CUNY, Madison, PennState, Rutgers, Texas A&M, SUNY Albany, UC Davis, UCLA, UCSD, UIC, UMN, Utah, UWA (Seattle), etc.
Foreign Universities: Edinburgh, BGU (Beer Sheva), BIU (Givataim), Bordeaux-1, Cambridge, Cardiff, Florence, FU Berlin, Geneva, Glasgow, Haifa U, Hebrew U (Jerusalem), IUM (Moscow), KTH (Stockholm), Liverpool, Manchester, Moscow U, Rome-2, Technion (Haifa), Tel Aviv, Toronto, TU Berlin, UNAM (Morelia), UQAM (Montreal), etc.
Math Conferences: many FPSAC's, SLC'15, G&C, many AMS, AIM, Banff and Oberwolfach meetings, various specialized conferences
CS Conferences: ESA '99, FOCS '00, ISSAC '99, RANDOM '02, SODA '99, '00, '02, STOC '99, etc.
R&D: AT&T Bell Labs, IBM Watson Research, Microsoft Research
Research Inst.: AIM, Banff, DIMACS, IAS, IPAM, IPPI, MSRI, Oberwolfach, POMI, Steklov Institute.

Teaching: three innovative/topics courses, two OCW web lecture notes projects, standard courses.

Editorial: Associate & Area Editor of *Discrete Mathematics*, *Trans AMS*, *Memoirs AMS*, *Pacif JM*.

Service: NSF and NSA panels, UCLA, UMN and MIT committees, several AMS sections, SODA'07 program committee, AIM workshops, MIT, UMN and UCLA Combinatorics Seminars, ICERM Semester Program.