# Igor Pak
**Department of Mathematics**
**UCLA, Los Angeles, 90095**
**(pak@)math.ucla.com**

**Employment:**

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| 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:**

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| 1994 – 1997 | **Harvard University**, Department of Mathematics |
| | Ph.D. awarded in June 1997 (<u>Advisor</u>: *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, Danny Nguyen, Sam Dittmer, David Soukup, Nikita Gladkov* (all UCLA)

**Postdocs:**  *Greta Panova, Alejandro Morales, Stephen DeSalvo, Martin Tassy, Olya Mandelshtam, Damir Yeliussizov, Swee Hong Chan, Melissa Sherman-Bennett, Colleen Robichaux* (all at UCLA).

**Research interests:**  Discrete and Polyhedral Geometry, Algebraic, Enumerative and Geometric Combinatorics, Computational Complexity, Random Walks, Asymptotic and Probabilistic Group Theory

**Publications:**  over 150 papers in journals and refereed conference proceedings
1 research monograph (available on the web).

**Selected Talks:**  (over 500 invited talks all over the place)

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| Distinguished Lectures: | *Fejes Tóth* (Calgary), *Erdős* (Jerusalem), *ICM Sectional* (Rio de Janeiro), *Vinberg* (online) |
| Private Universities: | Brandeis, Brown, CalTech, Chicago, CMC, Cornell, Duke, Harvard, HMC, MIT, Northeastern, Northwesters, 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, UMass, UMN, Utah, UWA (Seattle), etc. |
| Foreign Universities: | Edinburgh, BGU (Beer Sheba), BIU (Givataim), Bordeaux-1, Cambridge, Cardiff, Florence, FU Berlin, Geneva, Glasgow, Haifa U, Hebrew U (Jerusalem), IUM (Moscow), KTH (Stockholm), Liverpool, Manchester, Moscow U, MIPT, Rome-2, Technion (Haifa), Tel Aviv, Toronto, TU Berlin, UNAM (Morelia), UQAM (Montreal), etc. |
| Math Conferences: | ICM'18, BCC'19, many FPSAC's, SLC'15, G&C, many AMS, AIM, Banff, IPAM and Oberwolfach meetings, various specialized conferences |

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| CS Conferences: | CCC'17, ESA'99, FOCS'00'17'22, IPCO'17, ISSAC'99, RANDOM'02, SODA'99,'00,'02, STOC'99'17, etc. |
| R&D: | AT&T Bell Labs, IBM Watson Research, Microsoft Research, Yandex |
| Research Inst.: | AIM, Banff, DIMACS, Fields, IAS, IPAM, IPPI, MSRI, Oberwolfach, POMI, Steklov Inst. |

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

**Editorial:**  Associate & Area Editor of *Discrete Mathematics*, *Trans. AMS*, *Memoirs AMS, Pacific Jour. Math, Math Intelligencer* (all in the past).

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