Alexandr Kostochka BIOGRAPHICAL SKETCH

1. Education/training:

BS & MS (Math)	Novosibirsk State University, Russia	1974
Ph.D. (Math)	Sobolev Institute of Mathematics, Russia	1978
Doctor of Science	Russian Academy of Science	1991

2. Professional history and distinctions:

Full Professor	University of Illinois at Urbana-Champaign	2000—
Leading Researcher	Sobolev Institute of Mathematics,	1991–
	Novosibirsk, Russia	2000
Junior Researcher, Researcher,	Sobolev Institute of Mathematics,	1974–91
Senior Researcher	Novosibirsk, Russia	

Visiting Positions:

Institute for Pure and Applied Mathematics (IPAM), UCLA	Fall 2009
Institut Mittag-Leffler, Stokholm, Sweden	Spring 2014

3. Selected publications (10 papers):

http://www.math.uiuc.edu/~jobal/papers.html:

1. A.Kostochka, D. Mubayi and J. Verstraëte, Turán problems and shadows II: Trees, *J. Combin. Theory Ser. B* 122 (2017), 457–478.
2. H. A. Kierstead, A. Kostochka and E. C. Yeager, On the Corrádi–Hajnal theorem and a question of Dirac, *J. Combin. Theory Ser. B* 122 (2017), 121–148.
3. N. Alon, A. Kostochka, B. Reiniger, D. West and X. Zhu, Coloring, sparseness and girth, *Israel J. Math.* 214 (2016), 315–331.
4. Z. Füredi, A.Kostochka and J. Verstraëte, Stability in the Erdős-Gallai theorems on cycles and paths, *J. Combin. Theory Ser. B* 121 (2016), 197–228.
5. H. A. Kierstead and A. Kostochka, A refinement of a result of Corrádi and Hajnal, *Combinatorica* 35 (2015), 497–512.
6. A. Kostochka and B. Reiniger, The minimum number of edges in a 4-critical graph that is bipartite plus 3 edges, *European J. Combin.* 46 (2015), 89–94.
7. A.Kostochka, D. Mubayi and J. Verstraëte, Turán problems and shadows I: Paths and cycles, *J. Combin. Theory Ser. A* 129 (2015), 57–79.
8. A. Kostochka and M. Yancey, Ore's conjecture on color-critical graphs is almost true, *J. Combin. Theory Ser. B* 109 (2014), 73–101.
9. A. Kostochka and M. Yancey, Ore's conjecture for k=4 and Grötzsch's theorem, *Combinatorica* 34 (2014), 323–329.
10. A.Kostochka, D. Mubayi and J. Verstraëte, On independent sets in hypergraphs, *Random Structures Algorithms* 44 (2014), 224–239.

4. Current research projects with funding:

1. 'Extremal problems on graphs related to colorings and cycle structure', individual NSF Grant, $450000, (07/2016–06/2020)

5. Ongoing mentoring activities:

1. Michail Lavrov, Doobs Postoctoral Fellow at UIUC
2. Dara Zirlin, PhD student at UIUC
3. Derrek Yager, PhD student at UIUC
4. Anton Bernshteyn, PhD student at UIUC
5. Ruth Luo, PhD student at UIUC
6. Xujun Liu, PhD student at UIUC

6. Quantitative indicators:
1. Publications in journals with selective publication policy: 200
2. Book chapters: 2
3. PhD theses supervised: 12
4. Mentoring of postdoctoral fellows (concluded): 2
5. Sum of times cited (MathSciNet): 2190
6. Sum of times cited (Google Scholar): 5627

7. Links to the web pages:
1. MyResearcherID (ISI): `http://www.researcherid.com/rid/A-6178-2017`

8. Other information:
- Arnold O. Beckman Research Award, UIUC 2011
- Wolfgang Haken Professor 2012–14
- Arnold O. Beckman Research Award, UIUC 2013
- On the Editorial Board of *JCTB*, *Discrete Mathematics*, *CPC*, *Order*, *DM GT* and *Discrete Analysis and Operation Research*
- Member of the International Advisory Board of the Novosibirsk State University, Russia.