

Péter Biró

Budapest University of Technology and Economics
Department of Computer Science and Information Theory
H-1117, Magyar tudósok körútja 2.
Budapest, Hungary

Home phone: (+36)12038768
Mobil: (+36)209736567
Email: pbiro@cs.bme.hu
<http://www.cs.bme.hu/~pbiro>

- Research** Combinatorial optimization, game theory, algorithm and applications.
- Education** **Budapest University of Technology and Economics** Budapest, Hungary
Ph.D candidate in Mathematics and Computer Science, September 2003-Present
- Budapest University of Economic Sciences and Public Administration** Budapest, Hungary
MSc in Economics, 1999-2006
- Budapest University of Technology and Economics** Budapest, Hungary
MSc in Mathematics, 1997-2003
- Experience** **Ericsson Research and Development Lab** Budapest, Hungary
Intern, February 2000 - November 2001
Developed and implemented (in Maple) graph coloring algorithm for frequency assingment of mobil systems.
- Publications** PÉTER BIRÓ, KATARÍNA CECHLÁROVÁ, Inapproximability of the kidney exchange problem. *To appear in Information Processing Letters* (2006)
- PÉTER BIRÓ, KATARÍNA CECHLÁROVÁ, TAMÁS FLEINER, On the dynamics of stable matching markets. *Proceedings of the 17th International Conference on Game Theory at Stony Brook University* (2006)
- DAVID J. ABRAHAM, PÉTER BIRÓ, DAVID F. MANLOVE, „Almost stable” matchings in the roommates problem. *Proceedings of WAOA 2005: the 3rd Workshop on Approximation and Online Algorithms, volume 3879 of Lecture Notes in Computer Science* (2006)
- PÉTER BIRÓ, Stable matching with incremental algorithms. *Proceedings of the 4th Japanese-Hungarian Symposium, 2005*
- Teaching** **Budapest University of Technology and Economics** Budapest, Hungary
Teaching assistant, September 1998 - Present
- **Discrete Mathematics:** Led weekly problem session seminars, graded assignments and exams.
 - **Algorithm Theory:** Led weekly problem session seminars.
- Skills** Experienced in Maple, Matlab, HTML and with Unix/Linux and Windows operating systems.
- Languages** Hungarian, English, French