

CURRICULUM VITAE

Petr Kolman

Personal:

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Employment:

2010- present Associate professor (docent), Charles University in Prague, Czech Republic.
2005-2010 Assistant professor, Charles University in Prague, Czech Republic.
2003-2004 Postdoctoral fellow, University of California, Riverside, USA
2000-2003 Research fellow, Charles University in Prague, Czech Republic.
1999-2000 Postdoctoral fellow, Heinz Nixdorf Institute, University of Paderborn, Germany.
1998-1999 Military Service, Czech Republic.
1995-1998 System administrator, Supercomputing Center, Czech Technical University, Prague, Czech Republic.

Education:

2010 - habilitation (Doc.) in Computer Science, Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic. Thesis: *Paths, Flows and Cuts in Graphs*
1996 - 1998 PhD in Computer Science, Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic. Dissertation: *Searching for Edge Disjoint Paths on Hypercube-like topologies*.
1992 - 1995 MS in Computer Science, Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic. Thesis: *Complexity of Some Problems on COMMON PRAM*.

Participation in grant projects:

since 2015 Extended Formulation of Polytopes project GA15-11559S, Grant Agency of the Czech Republic.
since 2013 Restricted computations: Algorithms, models, complexity, project GA14-10003S, Grant Agency of the Czech Republic.
since 2012 Center of excellence - Institute for theoretical computer science (CE-ITI), project GBP202/12/G061, Grant Agency of the Czech Republic.
2005-2012 Institute for Theoretical Computer Science (ITI), project 1M0021620808, Ministry of Education of the Czech Republic
2000-2004 Institute for Theoretical Computer Science (ITI), project LN00A056, Ministry of Education of the Czech Republic.
1999-2000 Parallele Rechnernetze in der Produktionstechnik, DFG-GK 124, Deutsche Forschungsgemeinschaft, Germany.
1997-1998 Algorithms for Future Technologies - Keep in Touch, ALTEC-KIT INCO-COP 96-0195, European Union.
1997-1998 Algorithms and interconnections networks for parallel systems, 102/97/1055, Grant Agency of the Czech Republic.
1996-1998 Virtual SP2, TEN-34 CZ, project 96031, Ministry of Education of the Czech Republic.
1993-1995 Information Processing for Active CIM Subsystems, CP93-5855, European Union.

Teaching experience:

Graduate: Mathematical programming and polyhedral optimization,
Flows, paths and cuts in graphs,
Seminar on approximation and online algorithms,

Undergraduate: Algorithms (TA),
Linear algebra I,
Linear algebra and optimization,
The Theory of Automata and Formal Languages (at UCR),
Seminar on Combinatorics,
Introduction to Mathematical programming and polyhedral optimization.

Students and degrees achieved under my supervision:

Tomáš Dzetkulič: Mgr. 2007.
Jan Hronik: Mgr. 2007.
Michal Šenkýř: Mgr. 2010.
Martin Koutecký: Bc. 2011; Mgr. 2013; current PhD. student.
Dušan Knop: Mgr. 2012.
Ján Pecsók: Mgr. 2014.
Jan Voborník: current Mgr. student.