

## Scientific Curriculum Vitae

of RNDr. Petr Savický, CSc.

### Education:

- 1984                    graduating from Math.-Phys. Faculty, Charles University Prague in computer science; the master thesis “Deterministic control languages”
- 1990                    defending (equivalent of) PhD thesis “Random Boolean formulas”

### Employment:

- 1988 - 1994            assistant professor at Department of logic, Faculty of Philosophy, Charles University, Prague
- since 1994            researcher at the Institute of Computer Science, Academy of Sciences of the Czech Republic

### Medium-term stays and invited seminars abroad:

- 1990                    four week stay at Department of Mathematical Cybernetics, Faculty of Numerical Mathematics and Cybernetics, Moscow State University, Russia
- 1994                    six months stay at Department of efficient algorithms and complexity, Faculty of Informatics, Dortmund University, under the grant of Heinrich-Hertz Foundation
- 1997                    seminar Complexity of Boolean functions, Dagstuhl, Germany
- 1997                    seminar Random Graphs and Combinatorial Structures, Oberwolfach, Germany
- 1999                    seminar Complexity of Boolean functions, Dagstuhl, Germany
- 2014                    seminar Horn formulas, directed hypergraphs, lattices and closure systems, Dagstuhl, Germany

### Professional interests:

- complexity and combinatorial properties of boolean functions
- representations of boolean functions
- algebraic methods for analysis of specific computation models
- machine learning heuristics