

Wojciech Czerwiński

Curriculum Vitae

+48 22 5544564

✉ wczerwin@mimuw.edu.pl

🌐 www.mimuw.edu.pl/~wczerwin

Education and experience

- 2013 – today **Assistant professor (adiunkt)**, *University of Warsaw*.
IX 2020 **Habilitation**, *University of Warsaw*.
2012 – 2013 **Post-doc**, *University of Bayreuth*.
III 2013 **Phd Thesis**, *Computer Science, University of Warsaw*.
2008 – 2012 **Phd student**, *University of Warsaw*.
IX 2008 **MSc in Mathematics**, *Khintchine inequalities, University of Warsaw*.
IX 2007 **MSc in Computer Science**, *Simulation between games, University of Warsaw*.

Habilitation (September 2019)

Title *Separability and reachability problems in infinite-state systems*

Phd Thesis (March 2013)

Title *Partially-commutative context-free graphs*

Supervisor Sławomir Lasota

Research

Interests Automata theory, logic, infinite-state systems

Publications Selection of recent publications

- *The reachability problem for Petri nets is not elementary*. Best Paper in STOC 2019. Joint work with Sławomir Lasota, Ranko Lazic, Jérôme Leroux and Filip Mazowiecki:
- *Universal trees grow inside separating automata: Quasi-polynomial lower bounds for parity games*. In SODA 2019. Joint work with Laure Daviaud, Nathanaël Fijalkow, Marcin Jurdziński, Ranko Lazic and Paweł Parys:
- *Regular separability of one counter automata*. In LICS 2017. Joint work with Sławomir Lasota
- *Minimization of Tree Pattern Queries*. In PODS 2016, full version in JACM. Joint work with Wim Marten, Matthias Niewerth and Paweł Parys