

Paweł Parys – Curriculum Vitae

Birth date and place: 20.07.1983, Tarnowskie Góry

Nationality: Polish

Civil status: Married

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Languages: Polish, English

Education

14.05.2020 habilitation in mathematical sciences in the field of computer science
habilitation thesis: *Unboundedness in Higher-Order Recursion*

19.01.2012 PhD in mathematical sciences in the field of computer science, University of Warsaw
PhD thesis: *Application of Automata Theory to Processing of XML Documents*
doctoral advisor: prof. dr hab. Mikołaj Bojańczyk

2007-2011 PhD studies in the field of computer science, University of Warsaw

18.06.2007 master in computer science, University of Warsaw
master thesis: *Układy równań spełnione we wszystkich przemiennych półgrupach skończonych (Systems of Equations Satisfied in All Commutative Finite Semigroups)*
master thesis advisor: prof. dr hab. Mikołaj Bojańczyk

2002-2007 master studies in the field of computer science, University of Warsaw

1998-2002 Stanisław Staszic High School in Tarnowskie Góry

Employment

05.2012- Assistant Professor in Institute of Informatics, University of Warsaw

10.2012-07.2013 postdoctoral position in Laboratoire d'Informatique Algorithmique: Fondements et Applications (LIAFA), University Paris-Diderot, Paris

07.2009-04.2012 Assistant Reader in Institute of Informatics, University of Warsaw

10.2008-01.2009 scientific internship in Laboratoire Bordelais de Recherche en Informatique (LaBRI), University of Bordeaux (France)

Experience and activities

- Works for Polish Olympiad in Informatics, 2002-present
 - author of problems
 - author of key solution description, programs and tests
 - member of the Jury
- Lectures on workshops and camps of Polish Children’s Fund, 2002-2011
- Organiser of „Internetowy Turniej Programów Walczących” – a competition in which contestants submit programs playing given game, 2004-2010
- Algorithms course for high school students („kółko”), organised at first by OFEK, later by LO im. Staszica, 2004-2006
- Coordinator or vice-coordinator of Koło Naukowe Informatyków 2005-2008
- Organiser of cycle of lectures (on variety of interesting topics at computer science) as a activity of Koło Naukowe Informatyków 2005-2006
- Working for Advanced Timetabling Solutions – creating a system for creating timetables, 2003-2004
- Coauthor of “Noworyta News Reader” – program for reading news and email, 2002-2003

Awards

International Awards:

- Best Paper Award for the paper “Cost Automata, Safe Schemes, and Downward Closures” on the 47th International Colloquium on Automata, Languages and Programming, ICALP 2020
- Best Paper Award for the paper “Parity Games: Zielonka’s Algorithm in Quasi-polynomial Time” on the 44th International Symposium on Mathematical Foundations of Computer Science, MFCS 2019
- ACM SIGMOD Research Highlight Award 2017, granted to a few best papers in the field of databases, published in the preceding year
- The Cor Baayen Award for promising young researcher in computer science and applied mathematics (year 2012), granted by The European Research Consortium for Informatics and Mathematics (ERCIM) – each year only one award is granted

- Best Students Paper Award for the paper “XPath Evaluation in Linear Time with Polynomial Combined Complexity” on the Twenty-Eighth ACM SIGMOD-SIGACT-SIGART Symposium on Principles of Database Systems, PODS 2009

Polish awards:

- Scholarship for outstanding young scientist of Polish Ministry of Science and Higher Education, 2015
- KOLUMB fellowship of Foundation for Polish Science, 2012
- START stipend of Foundation for Polish Science, 2012
- The Witold Lipski Prize for Young Researchers in Computer Science (year 2011) – each year only one or two awards are granted
- Scholarship of the Minister of Education, 2003-2008
- Scholarship of the Minister of Education for exceptional achievements, 1999-2002

Invited talks at conferences:

- Ninth Workshop on Intersection Types and Related Systems, ITRS 2018 – Oxford
- Automata, Logic and Games – Singapore, 2016 (tutorial)
- Association for Symbolic Logic 2014 North American Annual Meeting – Denver, USA

Member of PC of conferences:

- FSCD 2021 (Formal Structures for Computation and Deduction)
- ICDT 2017 (International Conference on Database Theory)
- ICALP 2015 (Automata, Languages, and Programming)
- FICS 2013 (Workshop on Fixed Points in Computer Science)
- CIKM 2011 (Conference on Information and Knowledge Management)

Programming competitions, academic level:

- Marathon24 programming contest, first place in 2013
- Google Code Jam programming competition – fifth place in the world in 2004 and fourth in Europe in 2006
- ACM International Collegiate Programming Contest – 7th place in 2006 and 10th in 2004
- ACM Central European Collegiate Programming Contest – twice first place (the best result) in 2004 and 2006, second place in 2003 and 11th in 2005
- Polish Academic Collegiate Programming Championships – three times first place (2003-2005) and second place in 2006
- Top Coder programming competition – semifinalist of TCO in 2004, 2006 and 2008 and of TCCC in 2007

Programming competitions, high school:

- International Olympiad in Informatics – second place in the world (gold medal) in 2002 and silver medal in 2001
- Central-European Olympiad in Informatics – first place (best result) in 2001
- Baltic Olympiad in Informatics – 3th place (gold medal) in 2001, silver medal in 2000 and bronze medal 2002
- Olympiad in Informatics – twice first place (best result), in 2001 and 2002, 12th place in 2000
- Wielka Przesmycka in Wrocław – first place in 2000, second in 2004 and 5th in 2005

Mathematical competitions:

- Annual Vojtěch Jarník International Mathematical Competition in Ostrava – second place in 2006 and fourth in 2007
- International Mathematical Competition for University Students – bronze medals in 2004 and 2005
- International Mathematical Olympiad – bronze medals in 1999 and 2002
- Austrian – Polish Mathematical Competition – third place in 2001
- Baltic Way Mathematical Competition – first place (best result) in 2000

- Olympiad in Mathematics – first place in 2002, second price in 1999 and 2001, third price in 2000

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