

Curriculum Vitae

Lukasz Witkowski

Poznan, POLAND

Official e-mail: lukwit@amu.edu.pl

Personal Data

Born 06-11-1985
Poznan, Wielkopolska,
POLAND

Citizenship Polish

Education

Year	Degree	Field	Institution
2008	B.Sc.	computer science	Poznan University of Technology Thesis " <i>TOTH - central repository for logs in distributed systems</i> "
2009	M.Sc.	mathematics	Adam Mickiewicz University Thesis " <i>Quantum graphs</i> "
2009	M.Sc.	computer science	Poznan University of Technology Thesis " <i>The power and limits of quantum computers</i> "
In progress 2009-2013	Ph.D.	mathematics	Adam Mickiewicz University Poznan, Poland Department of Discrete Mathematics Supervisor prof. T. Łuczak

Awards and Honors

2009 Dean's Awards for Academic Accomplishment, Adam Mickiewicz University,
2005 - 2009 University Scholarship (Top 20%) from both Adam Mickiewicz University and Poznan
University of Technology,

Talks/presentations

- July 2010 - "*Random lifts of graphs: Independence and chromatic number*", DIMAP Workshop on Extremal and Probabilistic Combinatorics, Petersfield (England);

Publications

- (informal publication) “*Hamilton cycles in random lifts of complete graphs*” with T.Luczak and M.Witkowski <http://ssdnm.mimuw.edu.pl/pliki/prace-studentow/st/pliki/marcin-witkowski-1.pdf>;

Workshops /Conferences participated

- April 2011 – Spring School on “Limits of finite graphs”, Leipzig;
- November 2010 - 3rd Polish Combinatorial Conference, Bedlewo;
- July 2010 - DIMAP Workshop on Extremal and Probabilistic Combinatorics, Petersfield;
- June 2010 - Berlin-Poznan Seminar, Berlin;
- August 2009 - The 14th International Conference on Random Structures and Algorithms, Poznan;
- September 2008 - 2nd Polish Combinatorial Conference, Bedlewo;
- June 2008 - Berlin-Poznan Seminar, Berlin;
- September 2007- 3rd Language & Technology Conference;
- 2005-2009 8th, 9th, 10th, 11th and 12th International Workshop for Young Mathematicians, Cracow;

Programming contests participated

- KrakOPEN’09 Programming Challenge, Cracow 2009;
- ACM, Central European Programming Contest, Wroclaw 2008;
- ACM, Central European Programming Contest, Praha 2007;
- Polish regional academic programming contests 2006, 2007, 2008;

Teaching

Summer 2010/2011, Tutor : “Object-oriented programming” course.

Winter 2010/2011, Tutor : “Numerical analysis” course.

Summer 2009/2010, Tutor : “Object-oriented programming” course.

Winter 2009/2010, Tutor : “Numerical analysis” course.

October 2007 - February 2008, Teaching assistant : “Introduction to programming” course.

Languages

Polish - mother tongue, **English** – CEFR level C1/B2,

German - beginner.

Major Research Interests

Applications of Mathematics in Computer Science, combinatorics, graph theory, random structures, quantum computing, graph homomorphism, data mining.

Working papers:

“Equilibria in Job Scheduling Games”

with Leah Epstein, Michal Feldman, Tami Tamir and Marcin Witkowski

Extracurricular activities

- Organiser and Judge at XV Polish Regional Programming Contest 2010;
- Organiser and Judge at XIV Polish Regional Programming Contest 2009;
- Organiser and Judge at Poznan Open 2007 – Team Programming Contest;
- Volunteer work: 3rd Language & Technology Conference;

Other Interests

Sports (soccer, table tennis, volleyball), ,mind games (Breakthrough, Chess), science-fiction books