

Curriculum Vitae

Kristóf Kovács

March 7, 2019

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Date, place of birth: March 23, 1990, Székesfehérvár, Hungary

Education

- **B.Sc. in Mathematics, Applied specialization** Budapest
Budapest University of Technology and Economics 2008 - 2012
– Thesis: Propositional Dynamic Logic
- **M.Sc. in Applied Mathematics, Operation Research specialization** Budapest
Budapest University of Technology and Economics 2012 - 2014
– Master's thesis: Stackelberg location problem on networks
- **Phd student in Operation Research** Budapest
Budapest University of Technology and Economics 2014 –
– Supervisor: Boglárka G.-Tóth

Professional Experiences

- **Development of video streaming software in actionscript** Budapest
Mindentudás egyeteme 2011
- **Predicting major events using the database of Wikipedia** Budapest
Hungarian Academy of Sciences – Institute for Computer Science and Control 2013
- **Parallelized streaming system for data mining** Budapest
Hungarian Academy of Sciences – Institute for Computer Science and Control 2014
- **External lecturer** Budapest
Budapest University of Technology and Economics 2017
- **Assistant research fellow** Szeged
University of Szeged 2018

Programming Knowledge

- **Programming languages**
C, C++, Fortran, Java, Python, Ruby, ActionScript
- **Mathematical languages**
Wolfram Mathematica, MatLab, AMPL, GAMS
- **Others**
SQL, SQLite, SVN, XML, batch, git, gradle, maven

Teaching Experience

- Lecturer at Budapest University of Technology and Economics
 - Informatics, Operation research 2012 - 2017

Publications

Journal and conference articles

- Kristóf Kovács, Boglárka G.-Tóth, Solving a Huff-like Stackelberg problem on networks. *Proceedings of Mathematical and Applied Global Optimization (MAGO)*, page 157-160, ISBN: 978-84-16027-57-6, 2014.
- Boglárka G.-Tóth, Kristóf Kovács, Solving a Huff-like Stackelberg problem on networks. *Journal of Global Optimization*, 64(2):233–247, 2015.

Scientific abstracts

- Kristóf Kovács, Boglárka G.-Tóth, Solving a Huff-like Stackelberg problem on networks. *Veszprém Optimization Conference (VOCAL)*, 2014.
- Kristóf Kovács, Boglárka G.-Tóth, Stackelberg location problem on networks with qualities as variables and operational costs. (in Hungarian) *Hungarian Conference on Operational Research (MOK)*, 2015.
- Boglárka G.-Tóth, Kristóf Kovács, Stackelberg location problem on networks with qualities as variables and operational costs. *European Conference on Operational Research (EURO)*, 2015.
- Kristóf Kovács, Boglárka G.-Tóth, Stackelberg location problems on networks with operational costs. *European Working Group On Location Analysis (EWGLA)*, 2015.
- Kristóf Kovács, Rafael Blanquero, Emilio Carrizosa, Boglárka G.-Tóth, Solving the 1-median problem on a network with continuous demand and demand surplus, *Global Optimization Workshop (GOW)*, 2016.
- Kristóf Kovács, Rafael Blanquero, Emilio Carrizosa, Boglárka G.-Tóth, Stackelberg location problem on networks with quality variables maximizing profit, *European Working Group On Location Analysis (EWGLA)*, 2016.
- Kristóf Kovács, Rafael Blanquero, Emilio Carrizosa, Boglárka G.-Tóth, A median probléma megoldása folytonos költséggel hálózatokon, *Hungarian Conference on Operational Research (MOK)*, 2017.
- Kristóf Kovács, Boglárka G.-Tóth, Rectangle covering, *Global Optimization Workshop (GOW)*, 2018.

Languages

- English: intermediate level (spoken and written)