Curriculum Vitae
Péter Ágoston

Name: Péter Ágoston

Current studies: PhD School in Mathematics, Eötvös Loránd University 2019–

Former studies:

MSc in Mathematics, Eötvös Loránd University, Budapest	2017–2019
BSc in Mathematics, Eötvös Loránd University, Budapest	2014–2017
Fazekas Mihály High School, Budapest	2008–2014

Language proffiency: intermediate level complex exam in English

Papers and preprints:

a) P. Ágoston, D. Pálvölgyi: An Improved constant factor for the unit distance problem (arXiv:2006.06285)(Accapted at Studia Scientarum Mathematicarum Hungarica Combinatorics, Geometry and Topology (CoGeTo))

b) P. Ágoston: A Lower bound on the number of colours needed to nicely colour a sphere (under preparation)

c) P. Ágoston: On the range of two-distance graphs (under preparation)

Conferences, Workshops:

a) participation at the conference DGD^2 (Budapest, 2019)

b) participation at the conference Eurocomb 2019 (Bratislava, 2019)

c) participation and presentation at the workshop EuroCG 2020 (Würzburg, online, 2020)

http://www1.pub.informatik.uni-wuerzburg.de/eurocg2020/data/uploads/papers/eurocg20_paper_85.pdf

d) participation at Phd School "Geometry and Graphs" (Würzburg, online, 2020)

e) participation at the conference CCCG 2020 (Saskatoon, online, 2020)

http://vga.usask.ca/cccg2020/papers/A%20lower%20bound%20on%20the%20number%20of%20colours%20needed%20to%20nicely%20colour%20a%20sphere.pdf

f) participation and assistance in organizing the conference WERT (Budapest, online, 2021)

g) participation at the workshop EucoCG 2021 (Saint Petersburg, online, 2021)

h) participation at the conference SoCG 2021 (Buffalo, online, 2021)

i) participation and presentation at CG:YRF (Buffalo, online, 2021)

https://cse.buffalo.edu/socg21/files/YRF-Booklet.pdf#page=83

j) participation and presentation at the conference DCS (Budapest, online, 2021)

k) participation at the conference Eurocomb 2021 (Barcelona, online, 2021)

Selected competition results:

A. High School:

a) Dániel Arany Mathematics Competition (national): 2nd prize (2011), 3rd prize (2012);

b) József Kürschák Mathematics Competition (national): certificate (2014)

c) National Mathematics Competition (national): 18th place (2013), 1st place (2012);

d) Middle European Mathematical Olympiad (MEMO): individual bronze medal (2012), team silver medal (2012);

e) International Mathematical Olympiad (IMO): silver medal (2014).

B. Egyetem:

f) Miklós Schweitzer Competition (national): honourable mention (2014)

g) International Mathematics Competition for University Students, Blagoevgrad (IMC): 2nd prize (2017), 3rd prize (2018)

h) Vojtěch Jarník International Mathematical Competition, Ostrava: 8th place (2019).

Other activities:

a) Correcting solutions to KöMaL problems (2014–2016)

b) Taking part in the Polymath 16 project (2018–2019)