

CSILLA BUJTÁS

(CV)

Name: Bujtás, Csilla
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Degrees

- **2009 PhD in Information Science**, University of Pannonia, Veszprém, Hungary
 - **Supervisor:** Prof. Zsolt Tuza
 - **Thesis:** Algorithms and structure: Set partitions under local constraints
- **1988 MSc in Mathematics**, Eötvös Loránd University (Faculty of Science), Budapest, Hungary
- **1988 MA in Philosophy**, Eötvös Loránd University (Faculty of Arts), Budapest, Hungary

Current and previous positions

- **2024 August – present University of Ljubljana, Slovenia**
Senior research associate
Faculty of Mathematics and Physics
- **2023 January – present Institute of Mathematics, Physics, and Mechanics, Ljubljana, Slovenia**
- **2003 August – 2024 July University of Pannonia, Veszprém, Hungary**
Associate Professor
Faculty of Information Technology
- **2022 August – 2023 July FMF, University of Ljubljana, Slovenia**
Senior research associate
- **2019 February – 2021 June FMF, University of Ljubljana, Slovenia**
Senior research associate
Financed by the Slovenian Research Agency under the grant N1-0108 "Discharging in graph domination"
- **2015 September – 2016 August MTA, Rényi Institute, Budapest, Hungary**
Guest Researcher
- **1988–2003 Batthyány Lajos Highschool, Nagykanizsa**

Awards

- **2018 “Seal of Excellence”** award from the European Research Council
- **2015 “Pro Scientiis Informaticae”** from the University of Pannonia
- **2010 “Best Ph.D. Dissertation of the Year”** from the Pannon Academy of Sciences

SCIENTIFIC ACTIVITIES

Research area

- Graph theory (especially colorings, independence, domination, and decompositions)
- Hypergraph theory (colorings, transversals, and domination)
- Extremal combinatorics

Publications (2007–2024)

- **Papers published in peer-reviewed scientific journals: 83**
- Chapter in a major monograph: 1; Conference papers: 11
- Number of independent citations: more than 500

Invited plenary speaker at international conferences

- [10th Slovenian International Conference on Graph Theory](#) (2023, Kranjska Gora, Slovenia)
- [Combinatorics Today Series 2022](#) (2022, online, Bandung, Indonesia).
- [International Workshop on Domination in Graphs](#) (2021, online).
- 36th Annual Ramanujan Mathematical Society Conference (2021, online, India).
- [18th Workshop on Colouring, Independence and Domination](#) (2019, Piechowice, Poland).
- [7th Gdańsk Workshop on Graph Theory](#) (2019, Gdańsk, Poland).
- [27th Workshop on Cycles and Colourings](#) (2018, Nový Smokovec, Slovakia).
- [30th Ljubljana – Leoben Graph Theory Seminar](#) (2017, Maribor, Slovenia).
- [4th Bordeaux Graph Workshop](#) (2016, Bordeaux, France).
- [18th Workshop on Hereditary Graph Properties](#) (2015, Krynica, Poland).

Invited Lecturer

- **2023** March-May **AGH University of Science and Technology Cracow, Poland;**
- **2020** February 10-14 [Winter School in Discrete Mathematics](#) **CIMAT, Guanajuato, Mexico;**