

## Csilla Bujtás (CV)

**Name:** Bujtás, Csilla  
**Birth date:** November 29, 1964.  
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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
  - **Best Ph.D. Dissertation of the Year** (2010) – award from the academic committee VEAB
  - ‘Summa Cum Laude’
- **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

- **2003–present University of Pannonia, Veszprém, Hungary**  
Faculty of Information Technology  
Department of Applied Informatics, Nagykanizsa Campus
  - **2011–present Associate Professor**
  - 2009–2011 Assistant Professor
  - 2003–2009 Research Associate**Teaching several subjects (lectures and seminars):**
  - PhD-courses:  
Hypergraphs and Set Systems, Combinatorial Optimization.
  - MSc-, MBA-, and BSc-courses:  
Discrete Mathematics, Probability Theory, Operations Research, Linear Algebra, Abstract Algebra, Numerical Methods, Combinatorial Methods and Algorithms.
- Sept 2015–Aug 2016 MTA, Rényi Institute, Budapest, Hungary
  - Guest Researcher (one-year academic fellowship)
- 1988–2003 Batthyány Lajos Grammar School, Nagykanizsa  
(1992–1998 On maternity leave)
  - Teaching Mathematics and training students talented in mathematics

### Research area

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

### Publications (2007–2018)

- **Papers published in peer-reviewed scientific journals: 49**
- **Chapter in a major monograph: 1**

- **Conference papers: 11**
- **Number of independent citations: more than 200**

#### **Invited plenary speaker at international conferences**

- [27<sup>th</sup> Workshop on Cycles and Colourings](#) (2018, Nový Smokovec, Slovakia)
- [30<sup>th</sup> Ljubljana – Leoben Graph Theory Seminar](#) (2017, Maribor, Slovenia)
- [4<sup>th</sup> Bordeaux Graph Workshop](#) (2016, Bordeaux, France)
- [18<sup>th</sup> Workshop on Hereditary Graph Properties](#) (2015, Krynica, Poland)

#### **Invited speaker at research seminars**

- University of Szeged (2016, Hungary); University of Maribor (2014, Slovenia); University of Ljubljana, (2014, Slovenia); MTA, Rényi Institute (2013, 2015, Budapest, Hungary); BME (2008, Budapest, Hungary)

#### **Presentations**

- 40 contributed talks presented at international conferences (in France, Germany, Hungary, India, Italy, Malta, Poland, Slovakia, Slovenia)

#### **Short research visits abroad**

- University of Catania (2015, Italy); University of Ljubljana (2014, Slovenia); Université Paris-Dauphine (2014, France)

#### **Editorial Board member, Reviewer**

- [Discussiones Mathematicae Graph Theory](#) – member of the Editorial Board
- Evaluator of a Habilitation Thesis (University of Ulm, Germany, 2015), evaluator of research proposals, examiner and board member at PhD thesis defences (University of Debrecen and University of Pannonia, Hungary)
- Reviewer for many scientific journals

#### **Organization of international workshops:**

- Main organizer: [19<sup>th</sup> Workshop on Hereditary Graph Properties](#), 2016, Balatonalmádi, Hungary.
- Member of the Organizing Committee: [DIMAT Workshop](#), 2017, Veszprém, Hungary.