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Professional experience

- 2011–2014 **Assistant research fellow**, Bolyai Institute, University of Szeged, Hungary
2014–2015 **Assistant research fellow**, MTA–SZTE Analysis and Stochastics Research Group, Hungarian Academy of Sciences and University of Szeged, Hungary
2015–2016 **Research fellow**, MTA–SZTE Analysis and Stochastics Research Group, Hungarian Academy of Sciences and University of Szeged, Hungary
2016– **Postdoc–assistant**, Department of Mathematics, University of Klagenfurt, Austria

Education

- 2003–2008 **Diploma with master’s degree in mathematics** (specializations in mathematics and in financial mathematics) – University of Szeged, Hungary
Thesis: Dynamical study of a neural network (2008) [in Hungarian]
Supervisor: Prof. Dr. Tibor Krisztin
- 2008–2014 **PhD in mathematics** – University of Szeged, Hungary
Thesis: Delayed differential and difference equations modeling biological phenomena (2014)
Supervisor: Prof. Dr. Tibor Krisztin [full pdf \(in Hungarian\)](#); [outline of thesis \(in English\)](#)
- 2022 **Habilitation in mathematics** – University of Szeged, Hungary
Thesis: On the global attractor of delay differential and difference equations

Research interests

- ◆ delay differential equations
- ◆ difference equations
- ◆ global dynamics, structure of the global attractor
- ◆ qualitative theory of (nonautonomous) dynamical systems

Research activities

- ◆ 15 published/accepted papers in peer-reviewed journals
- ◆ 24 conference talks/posters (7 of which invited)
- ◆ 2 “science to public” papers
- ◆ 8 seminar talks

For a list of all publications visit my [homepage](#) or <https://orcid.org/0000-0001-9693-1923>.

Recognitions

- 2007 Scholarship of Szeged City (awarded to the best 1% of the students of the University of Szeged)
- 2007 Honourable mention – International Mathematics Competition for University Students
- 2011 Third prize at the publication competition of the Szeged Committee of the Hungarian Academy of Sciences
- 2013 Jedlik Ányos Scholarship for Pre-Doctoral Candidates, Office of Public Administration and Justice, Hungary
- 2014 Best paper award of the year 2013 in the Journal of Difference Equations and Applications

Teaching experience

- ◆ 17 years of teaching experience
- ◆ Supervisor of 1 master thesis and 3 bachelor theses
- ◆ Lectures: Calculus I–II; Dynamical Systems; Introduction to Numerical Methods; Mathematical Modelling; Applied Analysis Proseminar
- ◆ Exercise sessions and computer labs: Applied Statistics; Calculus I–III; Dynamical Systems; Introduction to Numerical Methods; Introduction to Stochastics; Ordinary Differential Equations; Simple Mathematics

Role in scientific community

- 2009–2011 Speaker of PhD students in mathematics at the University of Szeged
- 2014–2016 Secretary of the Council of Science and Engineering, Hungarian Scientific Research Fund (National Research, Development and Innovation Office from 2015)
- 2013– Technical editor of the Electronic Journal of Qualitative Theory of Differential Equations

Event administration

- 2010 The First Conference of PhD Students in Mathematics, June 29 – July 2, 2010, University of Szeged, Hungary (co-organizer)
- 2011 9th Colloquium on the Qualitative Theory of Differential Equations, June 28 – July 1, 2011, University of Szeged, Hungary (co-organizer)
- 2012 Szeged–Timișoara Workshop on Differential Equations, April 20–22, 2012, University of Szeged, Hungary (co-organizer)
- 2012 The Second Conference of PhD Students in Mathematics, June 28–30, 2012, University of Szeged, Hungary (co-organizer)
- 2014 The Third Conference of PhD Students in Mathematics, June 30 – July 2, 2014, University of Szeged, Hungary (co-organizer)
- 2014 Szeged Summer School on Mathematical Epidemiology, August 4–7, 2014, University of Szeged, Hungary (mentor)
- 2014 Autumn School on Laser Dynamics, September 24–28, 2014, University of Szeged, Hungary (main organizer)

- 2015 10th Colloquium on the Qualitative Theory of Differential Equations, July 1–4, 2015, University of Szeged, Hungary (co-organizer)
- 2018 Special session on the topic “Difference Equations and Discrete Dynamical Systems” (co-organized together with Eduardo Liz) on the International Conference in Nonlinear Analysis and Boundary Value Problems, 2018.
- 2019 11th Colloquium on the Qualitative Theory of Differential Equations, June 17–21, 2019, University of Szeged, Hungary (co-organizer)

Language skills

- ◆ Hungarian (native)
- ◆ English (advanced)
- ◆ German (intermediate)