

name: **Dr. Katalin Ósz**  
place and date of birth: Eger, Hungary, 26th August, 1975  
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### Education:

1982-1990: elementary school, Eger, Hungary  
1990-1994: Szilágyi Erzsébet Gimnázium, a secondary grammar school, Eger. Special subjects: mathematics, chemistry  
1994-1999: chemistry BSc and MSc student, Lajos Kossuth University, Debrecen, Hungary  
1999-2002: PhD student, Lajos Kossuth University (from 2000, University of Debrecen), Hungary  
2003-2005: English-Hungarian translator studies in chemistry, University of Debrecen, Hungary

### Teaching and research experiences:

1995-1999: TDK work, Lajos Kossuth University, Department of Inorganic and Analytical Chemistry. TDK supervisor: Dr. Katalin Várnagy. Co-author: Lídia Lennert, ELTE, Budapest. Title of TDK work: Preparation and transition metal complexation of amino acid derivatives containing chelating side chains (in Hungarian)  
1996-1999: teaching assistant, Lajos Kossuth University, Department of Inorganic and Analytical Chemistry  
1997-1999: member of the István Hatvani College of the Lajos Kossuth University  
1998: Advanced Radiation Safety Training, a government-recognized course with an examination, which authorizes to do certain jobs requiring an official license  
1999: chemistry MSc degree. MSc supervisor: Dr. Katalin Várnagy. Title of diploma work: Solution equilibrium studies of transition metals with amino acid derivatives containing chelating side chains (in Hungarian)  
1999-2002: PhD student, Lajos Kossuth University (from 2000, University of Debrecen), Hungary. PhD supervisor: Prof. Imre Sóvágó. Title of PhD thesis abstract: Transition metal complexes of peptide derivatives containing chelating side chains (in Hungarian)  
2000: 3 months ERASMUS fellowship, Università Degli Studi di Sassari (Sassari, Italy). Supervisor: Prof. Giovanni Micera. Research area: EPR spectroscopy of copper(II) complexes  
2002-2003: visiting scientist, Iowa State University (Ames, IA, USA). Supervisor: Prof. James H. Espenson. Research area: Kinetics of OAT reactions catalysed by rhenium(V) complexes  
2003-2004: junior assistant professor, University of Debrecen, Department of Inorganic and Analytical Chemistry  
2004-2007: OTKA postdoctoral fellow, University of Debrecen, Department of Inorganic and Analytical Chemistry. Research area: Protonation and complex formation processes of peptides containing coordinating side chains. Macroscopic and microscopic equilibria  
2005, 2006: 1+1 month fellowships, Università di Catania (Catania, Italy). Supervisor: Prof. Enrico Rizzarelli. Research area: Solid phase peptide synthesis and Mass spectroscopy of transition metal complexes  
2007-2013: assistant professor, University of Debrecen, Department of Physical Chemistry  
2010: habilitation. Title of habilitation thesis: Equilibrium and kinetic studies of chemical processes in solutions (in Hungarian)

- 2011-2018: faculty member responsible for the activities of the Student Researcher Organization at the Chemistry Institute, University of Debrecen, Faculty of Science and Technology, Institute of Chemistry
- 2013-2018: associate professor, University of Debrecen, Department of Physical Chemistry
- 2014-2018: elected member of the Faculty Council at the Faculty of Science and Technology
- 2015-2018: chairman of the Student Researcher Organization at the University of Debrecen, Faculty of Science and Technology
- 2015-2018: faculty coordinator of chemistry teacher training at the University of Debrecen, Chemistry Institute
- 2018-: associate professor, University of Pécs, Department of General and Physical Chemistry
- 2018-: chairman of the Student Researcher Organization at the University of Pécs, Institute of Chemistry
- 2019-: faculty coordinator of chemistry teacher training at the University of Pécs, Faculty of Sciences
- 2022-: vice dean at the University of Pécs, Faculty of Sciences

### Membership in professional organizations

- 2002-: Hungarian Chemical Society
- 2002-: Coordination Chemistry Working Group of the Hungarian Academy of Sciences
- 2004-: Public Chamber of the Hungarian Academy of Sciences
- 2007-: Reaction Kinetics and Photochemistry Working Group of the Hungarian Academy of Sciences
- 2012-2023: secretary of the Coordination Chemistry division of the Hungarian Chemical Society
- 2012-: János Irinyi National High School Chemistry Competition, member of organizing committee
- 2016-2023: Chemistry Teacher division of the Hungarian Chemical Society, member of the executive board
- 2018-: Physical Chemistry Committee of the Hungarian Academy of Sciences, elected member
- 2018-: Council of the Chemistry Doctoral School of the University of Pécs, member
- 2018-: Pécs Regional Committee of the Hungarian Academy of Sciences, Sub-committee of Chemical Sciences, member
- 2018-: János Irinyi National High School Chemistry Competition, chair of organizing committee
- 2021-: secretary of the Physical Chemistry Committee of the Hungarian Academy of Sciences

### Scientific awards:

- 1998/99: fellowship of the Pro Regione Foundation
- 1998/99: government fellowship for excellence in university studies
- 1999: student prize of the Bognár-Schindler-DEFILIT-Alkaloida Foundation
- 1999: student fellowship of Pro Renovanda Cultura Hungariae Foundation
- 1999: 1<sup>st</sup> prize at the 34<sup>th</sup> Hungarian Conference of Student Researchers
- 1999: KLTE-TTK medal
- 1999: Rezső Bognár medal
- 1999: prize of the Hungarian Chemical Society for outstanding MSc thesis
- 2000: ERASMUS student fellowship
- 2001, 2002, 2004, and 2005: conference attendance fellowship of the Hungarian Ministry of Education
- 2004-2007: OTKA postdoctoral fellowship
- 2004: Pro Regione award for young professors
- 2004: Carl Storm International Diversity Fellowship for the Inorganic Reaction Mechanisms Gordon Research Conference
- 2010: Mihály Polányi Young Investigator Award of the Hungarian Academy of Sciences
- 2014: special prize of the Hungarian Chemical Society for outstanding service
- 2016: special prize of the Hungarian Chemical Society for outstanding service
- 2017: "Most popular professor of the year" (University of Debrecen, Faculty of Science and Technology)



## Publications

(more details at MTMT: <https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10011698>):

Scientific papers: 38 (in English)

Conference attendances (posters or lectures): 108

Popular science articles: 19 (in Hungarian)

Textbooks: 2 (in English) + 4 (in Hungarian)

Book translation: 3 (from English to Hungarian) + 1 (from Hungarian to English)