

# Boris Furtula

Cheminformatician

## address

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### Web-address

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### Sci networks

orcid://boris

scopus://boris

researcherid://boris

researchgate://boris

google scholar://boris

in://boris

### Citizenship

Serbian

### Sex

Male

### Date of Birth

June 16, 1978

### Personal situation

Married, one children

## languages

Serbian

English

## programming



Python

Fortran

R

## interests

chemical graph theory, chemoinformatics, chemometrics, mathematical chemistry

## education

- 2005–2007 **Ph.D. in mathematical chemistry** Faculty of Science, University of Kragujevac  
*Comparative investigation of methods for calculating  $\pi$ -electron contents of rings in polycyclic aromatic compounds*
- 2002–2005 **M.Sc. in mathematical chemistry** Faculty of Science, University of Kragujevac  
*Variable Wiener index and its applications in physical chemistry*
- 1997–2002 **Undergraduate studies** Faculty of Science, University of Kragujevac  
Majoring in Chemistry

## experience

- 2024– **PMF Kragujevac** Full Professor  
*Holds various courses in the field of theoretical and computer chemistry*
- 2015–2024 **PMF Kragujevac** Associate Professor  
*Holds various courses in the field of theoretical and computer chemistry*
- 2013– **MATCH Communications in Mathematical and in Computer Chemistry**  
Managing Editor  
*Publishing a scientific journal*
- 2010–2014 **Educons University** Assistant Professor  
*Taught the course of Physical Chemistry*
- 2009–2015 **PMF Kragujevac** Assistant Professor  
*Held various courses in the field of theoretical and computer chemistry*
- 2004–2013 **MATCH Communications in Mathematical and in Computer Chemistry**  
Secretary and Technical Editor  
*Publishing a scientific journal*

## scientific overview

- >160 **scientific papers**  
More than 140 articles are published in journals that are indexed by the Web of Science
- 1 **book**  
Together with Prof. Ivan Gutman wrote a book “*Energies of Graphs – Survey, Census, Bibliography*” published by the Research Center of Serbian Academy of Sciences and Arts, University of Kragujevac
- 8 **edited books**  
Edited (together with other editors) 8 books within the Mathematical Chemistry Series published at Faculty of Science, University of Kragujevac

## awards

- 2023      **Exceptional scientific results contributing to the ranking of the University of Kragujevac**      University of Kragujevac  
Charter granted by the University of Kragujevac
- 2010      **The best scientific monograph in Serbia**      Serbian Ministry of Science  
Awarded together with Professor Ivan Gutman for the best scientific monograph published in 2010.

## memberships

- 2019-06-28      **Elected as a full member of the International Academy of Mathematical Chemistry**  
iamc-online.eu/members
- 2020–      **Secretary of the International Academy of Mathematical Chemistry**  
iamc-online.eu/officers
- 2019–      **Karbala International Journal of Modern Science**      Elsevier  
Editorial Board
- 2019–      **Iranian Journal of Mathematical Chemistry**      University of Kashan  
Editorial Board
- 2018–      **Combinatorial Chemistry & High Throughput Screening**      Bentham Science  
Editorial Board
- 2017–2021      **Journal of Applied Mathematics and Computing**      Springer  
Associate Editor
- 2015–      **Open Chemistry**      De Gruyter  
Advisory Editorial Board
- 2013–      **MATCH Communications in Mathematical and in Computer Chemistry**  
Faculty of Science, Univ. Kragujevac  
Managing Editor
- 2012–2014      **International Journal of Chemical Modeling**      Nova Sci. Publ.  
Advisory Editorial Board