

Teodora Trifunović

Birth date: 27.10.1993.

Birth place: Gornji Milanovac

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Work experience

2018-present **Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac**

Assistant in field Applied mathematical analysis

- teaching: Probability, Statistics, Introduction to Analysis and Algebra, Mathematics 2 (for chemistry students), Statistics and Informatics (for biology students), Numerical mathematics, Visualisation and data analysis, Introduction to Stochastic analysis
- teacher in workshop for children gifted for mathematics

2017-2018 **Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac**

Teaching Assistant in field Applied mathematical analysis

- teaching: Probability, Statistics, Introduction to Analysis and Algebra, Mathematics 2 (for chemistry students), Statistics and Informatics (for biology students), Numerical mathematics
- teacher in workshop for children gifted for mathematics
- member of Organizing Committee of the 14th Serbian Mathematical Congress „XIV SMAK“

2016-2017 **Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac**

Teaching Assistant in field Applied mathematical analysis

- teaching: Probability, Statistics, Introduction to Analysis and Algebra, Mathematics 2 (for physics students), Mathematics 2 (for chemistry students)
- teacher in workshop for children gifted for mathematics

Education

2017-present **PhD School of Mathematics, Faculty of Science, University of Kragujevac**

- field: Mathematical analysis (Probability and Stochastic analysis with applications)

2016-2017 **Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac**

- M.Sc. in Mathematics (Pure mathematics)

- cumulative GPA: 10

- master thesis: „Stationary random processes“

2012-2016 **Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac**
- B.Sc. in Mathematics (Pure mathematics)
- cumulative GPA: 9,89
- the best student in generation

Projects

2018-present Project #174015 (Serbian Ministry of Education and Science): Approximation of Integral and Differential Operators and Applications

Scholarships

2015-2016 University of Kragujevac scholarship for the best senior students
2013-2016 Republic of Serbia scholarship

Conferences

2019 The Young Mathematicians Conference, Novi Sad (October 3-5)

Skills

- Competent working knowledge of MS Office, R, SPSS, Wolfram Mathematica, Python
- Excellent organizational skills, time management and ability to coordinate workload and meet established deadlines
- Strong presentation and communication skills and ability to engage non-technical audiences

Current research

2019-present Validation and updating of risk prediction models (prostate cancer) based on multinomial logistic regression
- updating clinical prediction models, developed with multinomial logistic regression to new circumstances, based on data collected from patients in other populations
- data preparation and visualisation
- providing R codes and statistical support for the clinical study reports

Languages

- english (advanced)
- french (pre-intermediate)