

CURRICULUM VITAE**BASIC INFORMATION**

Name:	Dušan
Surname:	Đorđević
Date of Birth:	September 25th, 1991
Address:	Branka Krsmanovića 9/10, 18000 Niš, Serbia
E-mail:	djoledj91@gmail.com dusan.djordjevic@pmf.edu.rs

EDUCATION

Elementary School "Kole Rašić", Niš, Serbia	1998–2006
Gymnasium "Svetozar Marković", Specialized class for gifted mathematicians, Niš, Serbia	2006–2010
Faculty of Sciences and Mathematics, University of Niš, Serbia	
• Undergraduate Studies of Mathematics, on Department of Mathematics	2010–2013
• Master Studies of Mathematics, on Department of Mathematics	2013–2015
• PhD Studies of Mathematics, on Department of Mathematics	2015–2021
• Master thesis: "Simple Markov Population Processes" (2015)	
• Doctoral thesis: "The approximations of solutions to stochastic differential equations by applying Taylor series" (2021)	

PROFESSIONAL EXPERIENCE

Faculty of Sciences and Mathematics, University of Niš, Serbia		
Position:	Junior teaching assistant	2015–2016
	Teaching assistant	2016–2022
	Teaching assistant with PhD	2022–2022
	Assistant professor	2022–
Secretary of the Department of Mathematics		2019–2020

TEACHING ACTIVITIES

• Gymnasium "Svetozar Maković", Niš Probability with mathematical statistics (Specialized class for gifted mathematicians)	2018–2020
• Faculty of Medicine, University of Niš ◊ <u>Practical lectures:</u> Mathematics (Integrated academic studies - Pharmacy)	2017–2018
• Faculty of Sciences and Mathematics, University of Niš ◊ <u>Practical lectures:</u> Mathematics (Undergraduate academic studies - Chemistry)	2014–2015
Probability and statistics in biology (Undergraduate academic studies - Biology)	2015–
Mathematics in biology (Undergraduate academic studies - Biology)	2016–
Mathematical Analysis 1 (Undergraduate academic studies - Mathematics)	2014–2015
Mathematical Analysis 2 (Undergraduate academic studies - Mathematics)	2014–2015
Intro to Complex Analysis (Undergraduate academic studies - Mathematics)	2014–2015
Intro to probability (Undergraduate academic studies - Mathematics)	2015–
Probability Theory (Master academic studies - Mathematics)	2015–
Stochastic Processes (Master academic studies - Mathematics)	2015–
Actuarial Mathematics (Master academic studies - Mathematics)	2015–
Game theory (Master academic studies - Mathematics)	2022–
◊ <u>Theoretical lectures:</u> Game theory (Master academic studies - Mathematics)	2022–

AWARDS AND SCHOLARSHIPS

- Republic scholarship (Ministry of Education, Science and Technological Development) 2011–2012
- Dositeja (scholarship from the Fund for Young Talents of the Republic of Serbia, Ministry of Youth and Sports) 2012–2013, 2014–2015
- Scholarship for exceptionally gifted pupils and students (Ministry of Education, Science and Technological Development) 2013–2014
- Winner of the plaque of the city of Niš (Graduate student from the University of Niš with an average grade of 10) 2015
- Winner of the charter of the Faculty of Sciences and mathematics (Outstanding contribution to science as a doctoral student in 2021) 2022

PUBLICATIONS

1. **Dušan D. Djordjević**, Miljana Jovanović: *On the approximations of solutions to stochastic differential equations under polynomial condition*, *Filomat* 35:1 (2021), 11–25, doi.org/10.2298/FIL2101011D
2. **Dušan D. Djordjević**, Marija Milošević: *An approximate Taylor method for Stochastic Functional Differential Equations via polynomial condition*, *Analele Stiintifice ale Universitatii Ovidius Constanta: Seria Matematica* 29:3 (2021), 105–133, https://doi.org/10.2478/auom-2021-0037
3. **Dušan D. Djordjević**: *A Taylor Method for Stochastic Differential Equations with Time-Dependent Delay via the Polynomial Condition*, *Stochastic Analysis and Applications* 40:3 (2022), 539–560, doi.org/10.1080/07362994.2021.1936041

PARTICIPATION ON INTERNATIONAL CONFERENCES

◊ Without talks:

1. 7th European Congress of Mathematics (7ECM), Berlin, Germany, 2016
2. The 39th Conference on Stochastic Processes and their Applications (SPA2017), Moscow, Russia, 2017
3. International Conference on Differential & Difference Equations and Applications (ICDDEA2017), Lisbon, Portugal, 2017

◊ Contributed talks:

1. Kongres mladih matematičara u Novom Sadu [Congress of Young Mathematicians in Novi Sad] (KMMNS), Novi Sad, Serbia, 2019
2. Susret matematičara Srbije i Crne Gore [Meeting of Mathematicians from Serbia and Montenegro] (SMSCG), Budva, Montenegro, 2019
3. International Conference of Young Mathematicians, (online), Kiev, Ukraine, 2021
4. 26th International Conference on Difference Equations and Applications (ICDEA2021), (online), Sarajevo, Bosnia and Herzegovina, 2021
5. International Workshop on Nonlinear Analysis and its Applications (IWNAA2021), (online), Niš, Serbia, 2021
6. 7th Croatian Mathematical Congress, Split, Croatia, 2022
7. Analysis, Topology and Applications (ATA2022), Vrnjačka Banja, Serbia, 2022
8. Kongres mladih matematičara u Novom Sadu [Congress of Young Mathematicians in Novi Sad] (KMMNS2), Novi Sad, Serbia, 2022

PARTICIPATION ON SCIENTIFIC PROJECTS

- Project: Functional Analysis, Stochastic Analysis and Applications (No. 174007), Ministry of Education and Science of the Republic of Serbia 2016–
- Bilateral project with the Republic of Croatia: Application of stochastic models with short-term and long-term dependence structure, Ministry of Education, Science and Technological Development of the Republic of Serbia 2019–2020

PARTICIPATION ON INTENSIVE COURSES

- DAAD scholarship, Novi Sad, Serbia, August 10 – September 10, 2016