|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name and family name | | | | | | | Dora Đ. Seleši | | | | | |
| Title | | | | | | | Full Professor | | | | | |
| Name of the institution employing the teacher full-time or part-time, since when | | | | | | | Faculty of Sciences, University of Novi Sad, full time, since 2000, | | | | | |
| A narrow scientific or artistic field | | | | | | | Analysis and Probability | | | | | |
| Academic career | | | | | | | | | | | | |
|  | | | | Year | Institution | | | | Scientific or art field | | Narrow scientific, art or vocational field | |
| Full professor | | | | 2017 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Analysis and Probability | |
| PhD | | | | 2007 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Analysis and Probability | |
| Master degree | | | | 2004 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Analysis and Probability | |
| Bachelor degree | | | | 2000 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Mathematics | |
| **List of subject the teacher has been accredited for in the first or the second degree of studies** | | | | | | | | | | | | |
| No. | | Code of the subject | Name of the subject | | | | | Model of teaching | | Name of the study program | | Type of studies |
| 1 | | M118 | Ordinary Differential Equations | | | | | lectures | | М, МАP | | Bachelor |
| 2 | | M518 | Ordinary Differential Equations | | | | | exercises | | М5 | | Master |
| 3 | | P103 | Basic Principles of Data Analytics | | | | | lectures | | МАP | | Bachelor |
| 4 | | M517 | Probability | | | | | lectures | | М5 | | Master |
| 5 | | M135 | Mathematical Mosaic | | | | | lectures | | М, М5, МАP | | Bachelor |
| 6 | | MB41 | Actuarial Mathematics | | | | | lectures, exercises | | МB | | Master |
| 7 | | MA05 | Measure and Integral | | | | | lectures | | МА, МB | | Master |
| 8 | | P600 | Bachelor Thesis - Research | | | | | study research | | МАP | | Bachelor |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | |
|  | S. Coriasco, S.Pilipović, **D. Seleši**: *Solutions of hyperbolic stochastic PDEs on bounded and unbounded domains, Journal of Fourier Analysis and Applications (2021) Vol. 27, No. 77, 42 pages*. **M21**, https://doi.org/10.1007/s00041-021-09858-7 | | | | | | | | | | | |
|  | T. Atanacković, M. Janev, S. Pilipović, **D. Seleši**, Viscoelasticity of fractional order: New restrictions on constitutive equations with applications. International Journal of Structural Stability and Dynamics, Vol. 20, No. 13, 2041011:1 – 20, 2020., **M22**,  DOI: 10.1142/S0219455420410114 | | | | | | | | | | | |
|  | T. Atanacković, S. Pilipović, **D. Seleši**, Wave propagation dynamics in a fractional Zener model with stochastic excitation, Fractional Calculus & Applied Analysis, 23(6), **M21a**, 1570-1604, 2020. DOI: 10.1515/fca-2020-0079 | | | | | | | | | | | |
|  | S. Gordić, M. Oberguggenberger, S.Pilipović, **D. Seleši**: *Point values and probabilistic properties of generalized stochastic processes in algebras of generalized functions: independence, stationarity and SPDEs*, Journal of Mathematical Analysis and Applications, 475(2), 1196-1214, 2019., **M21**, https://doi.org/10.1016/j.jmaa.2018.11.088 | | | | | | | | | | | |
|  | T. Levajković, S. Pilipović, **D. Seleši**, M. Žigić, *Stochastic evolution equations with Wick-polynomial nonlinearities*, Electron. J. Probab. 23(116), 25 pp., 2018. **M22**, https://doi.org/10.1214/18-EJP241 | | | | | | | | | | | |
|  | B. Krivokapić, Z. Blagojević, **D. Seleši**, T. Atanacković, S. Pilipović, Z. Baščarević, V. Stevanović, *A Method for Prediction of Femoral Component of Hip Prosthesis Durability due to Aseptic Loosening by Using Coffin/Manson Fatigue Model*, BioMed Research International, Vol. 2018., **M22**, https://doi.org/10.1155/2018/9263134 | | | | | | | | | | | |
|  | S. Gordić, M. Oberguggenberger, S.Pilipović, **D. Seleši**: Probabilistic properties of generalized stochastic processes in algebras of generalized functions, Monatshefte für Mathematik 186 (4), 609-633, 2018., **M22**, DOI 10.1007/s00605-017-1109-z | | | | | | | | | | | |
|  | T. Levajković, S. Pilipović, **D. Seleši,** M. Žigić, Stochastic evolution equations with multiplicative noise, Electron. J. Probab. 20(19), 23 pp., 2015., **M22**, DOI: 10.1214/EJP.v20-3696 | | | | | | | | | | | |
|  | D. Rajter-Ćirić, D. Seleši, Nonlinear Stochastic Differential Equations Containing Generalized Delta Processes, Monatshefte für Mathematik 168, (2012), 75-112., **M22**, DOI 10.1007/s00605-011-0356-7 | | | | | | | | | | | |
|  | S. Lototsky, B. Rozovskii, **D. Seleši**, On Generalized Malliavin Calculus, Stochastic Processes and Their Applications 122(3), (2012), 808-843., **M22**, doi:10.1016/j.spa.2011.11.003 | | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | |
| Total number of citations | | | | | | 216 (SCOPUS) | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | 22 | | | | | | |
| Current participation in projects | | | | | | National: 1 | | | International : 1 | | | |
| Specializations | | | | | 1. Institut für Technische Mathematik, Geometrie und Bauinformatik, Innsbruck, 2005 2. Brown University, Division of Applied Mathematics, Providence, USA, 2009 | | | | | | | |
| Other relevant information | | | | | Editor of the journals *Filomat* and *Novi Sad Journal of Mathematics*. Referee of *Mathematical Reviews* and *Zentralblatt*. Diploma *Grosses Deutsches Sprachdiplom* (Goethe Institut) for German language knowledge. | | | | | | | |