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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name and family name | | | | | | | | Sanja Brdar | | | | | | |
| Title | | | | | | | | Research assistant professor | | | | | | |
| Name of the institution employing the teacher full-time or part-time, since when | | | | | | | | BioSense Institute, University of Novi Sad (full-time, since 2016)  Faculty of Sciences, University of Novi Sad (part-time, since 2017) | | | | | | |
| A narrow scientific or artistic field | | | | | | | | Information technologies | | | | | | |
| Academic career | | | | | | | | | | | | | | |
|  | | | | | Year | Institution | | | | Scientific or art field | | | Narrow scientific, art or vocational field | |
| Election to a title | | | | | 2017 | BioSense Institute, University of Novi Sad | | | | Technical and technological sciences | | | Information technologies | |
| Doctorate | | | | | 2016 | Faculty of Technical Sciences, University of Novi Sad | | | | Technical and technological sciences | | | Telecommunications and signal processing | |
| Master degree (integrated studies) | | | | | 2007 | Faculty of Technical Sciences, University of Novi Sad | | | | Technical and technological sciences | | | Telecommunications and signal processing | |
| **List of subject the teacher has been accredited for in the first or the second degree of studies** | | | | | | | | | | | | | | |
| No.  1,2,3.... | Code of the subject | | Name of the subject | | | | | | Model of teaching | | | Name of the study program | | Type of studies (ОСС, ССС, ОАС, МСС, МАС, САС) |
| 1 | MDS01 | | Programming for Data Science | | | | | | lecture, exercise | | | Master of Science in Applied Mathematics: Data Science | | МАС |
| 2 | MDS09 | | Large Scale Data Mining | | | | | | lecture, exercise | | | Master of Science in Applied Mathematics: Data Science | | МАС |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | | | |
|  | | Šaulienė, I., Šukienė, L., Daunys, G., Valiulis, G., Vaitkevičius, L., Matavulj, P., ... & Sofiev, M. (2019). Automatic pollen recognition with the Rapid-E particle counter: the first-level procedure, experience and next steps. Atmospheric Measurement Techniques, 12(6), 3435-3452, **M21,** DOI: https://doi.org/10.5194/amt-12-3435-2019 | | | | | | | | | | | | |
|  | | Tešendić, D., Boberić Krstićev, D., Matavulj, P., Brdar, S., Panić, M., Minić, V., & Šikoparija, B. (2022). RealForAll: real-time system for automatic detection of airborne pollen. Enterprise Information Systems, 16(5), 1793391, **M21**, DOI: https://doi.org/10.1080/17517575.2020.1793391 | | | | | | | | | | | | |
|  | | Brdar, S., Panić, M., Hogeveen-van Echtelt, E., Mensink, M., Grbović, Ž., Woltering, E., & Chauhan, A. (2021). Predicting sensitivity of recently harvested tomatoes and tomato sepals to future fungal infections. Scientific Reports, 11(1), 1-17, **M21**, DOI: https://doi.org/10.1038/s41598-021-02302-2 | | | | | | | | | | | | |
|  | | Marko, O., Brdar, S., Panic, M., Lugonja, P., & Crnojevic, V. (2016). Soybean varieties portfolio optimisation based on yield prediction. Computers and Electronics in Agriculture, 127, 467-474, **M21**, DOI: https://doi.org/10.1016/j.compag.2016.07.009 | | | | | | | | | | | | |
|  | | Maestrini, B., Mimić, G., van Oort, P. A., Jindo, K., Brdar, S., van Evert, F. K., & Athanasiados, I. (2022). Mixing process-based and data-driven approaches in yield prediction. European Journal of Agronomy, 139, 126569, **M21a**, DOI: https://doi.org/10.1016/j.eja.2022.126569 | | | | | | | | | | | | |
|  | | Brdar, S., Gavrić, K., Ćulibrk, D., & Crnojević, V. (2016). Unveiling spatial epidemiology of HIV with mobile phone data. Scientific reports, 6(1), 1-13, **M21a**, https://doi.org/10.1038/srep19342 | | | | | | | | | | | | |
|  | | Mimić, G., Brdar, S., Brkić, M., Panić, M., Marko, O., & Crnojević, V. (2020). engineering Meteorological features to Select Stress tolerant Hybrids in Maize. Scientific reports, 10(1), 1-10, **M21**, DOI: https://doi.org/10.1038/s41598-020-60366-y | | | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | | | |
| Total number of citations | | | | | | | 328 (Google Scholar) | | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | | 14 | | | | | | | |
| Current participation in projects | | | | | | | National 2 | | | | International 3 | | | |
| Specializations | | | | - Visiting Researcher at Department of Computer Science - Knowledge Management in Bioinformatics, Humboldt-Universität zu Berlin, September 2015  - Visiting Researcher at Faculty of Computer and Information Science - Bioinformatics laboratory, University of Ljubljana, February-March 2013  - Visiting PhD student, Faculty of Computer and Information Science, University of Ljubljana, 2009/2010 | | | | | | | | | | |
| Other information you may consider important  Mentorship: 5 finished master thesis, 2 on-going master and 4 on-going PhD thesis  Assistant Director for Human Resources at BioSense Institute, co-founder of Cropt (startup with €500k investments) | | | | | | | | | | | | | | |