|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | | | Miloš Radovanović | | | | | | |
| **Title** | | | | | | | Full professor | | | | | | |
| **Name of the institution employing the teacher full-time or part-time, since when** | | | | | | | Faculty of Sciences, Novi Sad, 2003 | | | | | | |
| **A narrow scientific or artistic field** | | | | | | | Computer Science | | | | | | |
| **Academic carrier** | | | | Year | Institution | | | | | Scientific or art field | | Narrow scientific, art or vocational field | |
| Election to a title | | | | 2021 | Faculty of Sciences, Novi Sad | | | | | Computer Science | | Computer Science | |
| Doctorate | | | | 2011 | Faculty of Sciences, Novi Sad | | | | | Computer Science | | Artificial Intelligence | |
| Magistratura | | | | 2006 | Faculty of Sciences, Novi Sad | | | | | Computer Science | | Internet Technologies | |
| Diploma | | | | 2001 | Faculty of Sciences, Novi Sad | | | | | Computer Science | | Compiler Construction | |
| **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. | CS101 | Introduction to Programming | | | | | | Lectures | | | BSc Computer Science | | ОAS |
| 2. | CS304 | Artificial Intelligence | | | | | | Lectures | | | BSc Computer Science | | ОАS |
| 3. | CS612 | Object-Oriented Programming 2 | | | | | | Lectures | | | BSc Computer Science | | ОAS |
| 4. | CS714 | Machine Learning | | | | | | Lectures | | | MSc Computer Science | | МАS |
| 5. | IT101 | Introduction to Programming | | | | | | Lectures | | | BSc Information Technology | | ОАS |
| 6. | IT205 | Object-Oriented Programming 2 | | | | | | Lectures | | | BSc Information Technology | | ОАS |
| 7. | IT627 | System Integration | | | | | | Lectures | | | BSc Information Technology | | ОАS |
| 8. | IT704 | Software Evolution | | | | | | Lectures | | | MSc Information Technology | | МАS |
| 9. | MDS06 | Pattern Recognition and Machine Learning | | | | | | Lectures | | | MSc Applied Mathematics – Data Science | | МАS |
| 10. | 19.MW0006 | Master Thesis Research | | | | | |  | | | Artificial Intelligence | | MAS |
| 11. | 19.MW0011 | Vocational practice | | | | | |  | | | Artificial Intelligence | | MAS |
| 12. | 19.MW0007 | Master Thesis | | | | | |  | | | Artificial Intelligence | | MAS |
| 13. | 19.MW0204 | Graphical Models and Probabilistic Inference | | | | | | Lectures | | | Artificial Intelligence | | MAS |
| 14. | 19.MW0205 | Graph and Tree Algorithms | | | | | | Lectures | | | Artificial Intelligence | | MAS |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | | |
| 1 | L. Amsaleg, J. Bailey, A. Barbe, S. Erfani, T. Furon, M. E. Houle, **M. Radovanović** and N. X. Vinh. High intrinsic dimensionality facilitates adversarial attack: Theoretical evidence. *IEEE Transactions on Information Forensics and Security* 16:854–865, 2021. DOI: 10.1109/TIFS.2020.3023274 (M21a) | | | | | | | | | | | | |
| 2 | Z. Geler, V. Kurbalija, M. Ivanović and **M. Radovanović**. Weighted kNN and constrained elastic distances for time-series classification. *Expert Systems with Applications* 162: 113829, 2020. DOI: 10.1016/j.eswa.2020.113829 (M21a) | | | | | | | | | | | | |
| 3 | S. Pešić, **M. Radovanović**, M. Ivanović, M. Tošić, O. Iković and D. Bošković. Graph-based metadata modeling in indoor positioning systems. Simulation Modelling Practice and Theory, 105, 2020. DOI: 10.1016/j.simpat.2020.102140 (M21) | | | | | | | | | | | | |
| 4 | **M. Radovanović**, A. Nanopoulos and M. Ivanović. Reverse nearest neighbors in unsupervised distance-based outlier detection. *IEEE Transactions on Knowledge and Data Engineering* 27(5):1369–1382, 2015. DOI: 10.1109/TKDE.2014.2365790 (M21) | | | | | | | | | | | | |
| 5 | N. Tomašev, **M. Radovanović**, D. Mladenić and M. Ivanović. The role of hubness in clustering high-dimensional data. *IEEE Transactions on Knowledge and Data Engineering* 26(3):739–751, 2014. DOI: 10.1109/TKDE.2013.25 (M21) | | | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | | |
| Total number of citations | | | | | | 2711 (Google Scholar), 1505 (SCOPUS) | | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | 26 | | | | | | | |
| Current participation in projects | | | | | | Domestic 3 | | | International 1 | | | | |
| Specializations | | | National Institute of Informatics, Tokyo, Japan (10 visits 2013–2020) | | | | | | | | | | |
| **Other information you may consider important** | | | | | | | | | | | | | |