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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name and family name | | | | | | | | Vladimir Kurbalija | | | | | | |
| Title | | | | | | | | Full Professor | | | | | | |
| Name of the institution employing the teacher full-time or part-time, since when | | | | | | | | Faculty of Sciences, University of Novi Sad, 2000 | | | | | | |
| A narrow scientific or artistic field | | | | | | | | Computer Science | | | | | | |
| Academic career | | | | | | | | | | | | | | |
|  | | | | | Year | Institution | | | | Scientific or art field | | | Narrow scientific, art or vocational field | |
| Election to a title | | | | | 2021 | Faculty of Sciences, University of Novi Sad | | | | Informatics | | | Computer Science | |
| Doctorate | | | | | 2009 | Faculty of Sciences, University of Novi Sad | | | | Informatics | | | Computer Science | |
| Diploma | | | | | 2000 | Faculty of Sciences, University of Novi Sad | | | | Informatics | | | Computer Science | |
| **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 (ОСС, ССС, ОАС, МСС, МАС, САС) |
| 1. | ИТ102/ЦС103 | | Data Structures and Algorithms 1 | | | | | | Lectures | | | Computer Science/ Information Technology | | ОАС |
| 2. | ИТ602/ЦС604 | | Web Programming | | | | | | Lectures | | | Computer Science/ Information Technology | | ОАС |
| 3. | ЦС701 | | Data Structures and Algorithms 3 | | | | | | Lectures | | | Computer Science | | МАС |
| 4. | ИТ302 | | System programming | | | | | | Lectures | | | Information Technology | | ОАС |
| 5. | ИТ402 | | Architecture, design and patterns | | | | | | Lectures | | | Information Technology | | ОАС |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | | | |
|  | | V. Kurbalija, M. Radovanović, Z. Geler and M. Ivanović, The Influence of Global Constraints on Similarity Measures for Time-Series Databases. Knowledge-Based Systems, vol. 56, January 2014, pp. 49-67. (DOI:10.1016/j.knosys.2013.10.021) (M21a) | | | | | | | | | | | | |
|  | | Zoltan Geler, Vladimir Kurbalija, Miloš Radovanović, Mirjana Ivanović, Comparison of different weighting schemes for the kNN classifier on time-series data, Knowledge and Information Systems, Vol. 48, No. 2, 2016, pp. 331-378. (DOI: 10.1007/s10115-015-0881-0) (M21) | | | | | | | | | | | | |
|  | | Vladimir Kurbalija, Mirjana Ivanović, Miloš Radovanović, Zoltan Geler, Weihui Dai, Weidong Zhao (2018) Emotion perception and recognition: An exploration of cultural differences and similarities, Cognitive Systems Research 52, pp. 103-116, (DOI: 10.1016/j.cogsys.2018.06.009) (M22). | | | | | | | | | | | | |
|  | | Brankica Bratić, Vladimir Kurbalija, Mirjana Ivanović, Iztok Oder, Zoran Bosnić (2018) Machine Learning for Predicting Cognitive Diseases: Methods, Data Sources and Risk Factors, Journal of medical systems 42 (12), 243, DOI: 10.1007/s10916-018-1071-x, (M22). | | | | | | | | | | | | |
|  | | Miloš Savić, Vladimir Kurbalija, Zoran Bosnić, Mirjana Ivanović (2019) Feature selection based on community detection in feature correlation networks, Computing, Volume 101, Issue 10, pp 1513–1538, DOI: 10.1007/s00607-019-00705-8, (M21). | | | | | | | | | | | | |
|  | | Brankica Bratić, Michael E. Houle, Vladimir Kurbalija, Vincent Oria and Miloš Radovanović (2019), The Influence of Hubness on NN-Descent, International Journal on Artificial Intelligence ToolsVol. 28, No. 06, 1960002 (<https://doi.org/10.1142/S0218213019600029>), (M23) | | | | | | | | | | | | |
|  | | Zoran Bosnić, Brankica Bratić, Mirjana Ivanović, Marija Semnic, Iztok Oder, Vladimir Kurbalija, Tijana Vujanić Stankov & Vojislava Bugarski Ignjatović (2020) Improving Alzheimer’s disease classification by performing data fusion with vascular dementia and stroke data, Journal of Experimental & Theoretical Artificial Intelligence, DOI: 10.1080/0952813X.2020.1818290, (M22) | | | | | | | | | | | | |
|  | | Zoltan Geler, Vladimir Kurbalija, Mirjana Ivanović, Miloš Radovanović (2020), Weighted kNN and constrained elastic distances for time-series classification, Expert Systems with Applications, Volume 162, 113829, ISSN 0957-4174, <https://doi.org/10.1016/j.eswa.2020.113829>, (M21a). | | | | | | | | | | | | |
|  | | Zoltan Geler, Miloš Savić, Brankica Bratić, Vladimir Kurbalija, Mirjana Ivanović & Weihui Dai (2021) Sentiment prediction based on analysis of customers assessments in food serving businesses, Connection Science, DOI: 10.1080/09540091.2020.1870436, (M22) | | | | | | | | | | | | |
|  | | GELER, Z., KURBALIJA, V., IVANOVIĆ, M. and RADOVANOVIĆ, M. (2022) Elastic distances for time-series classification: Itakura versus Sakoe-Chiba constraints. Knowledge and Information Systems, 64 (10), pp. 2797-2832, DOI: 10.1007/s10115-022-01725-1, (M22) | | | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | | | |
| Total number of citations | | | | | | | 623 (Google Scholar) | | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | | 19 | | | | | | | |
| Current participation in projects | | | | | | | National: 1 | | | | International: 2 | | | |
| Specializations | | | | Germany, Berlin, Humboldt University, 5 months (2002/2003)  Austria, Linz, Johannes Kepler University, 1 month (2005) | | | | | | | | | | |