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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name and family name | | | | | | | | Dušan M. Jakovetić | | | | | | |
| Title | | | | | | | | Associate Professor | | | | | | |
| Name of the institution employing the teacher full-time or part-time, since when | | | | | | | | Faculty of Sciences, University of Novi Sad, since 2015 | | | | | | |
| A narrow scientific or artistic field | | | | | | | | Mathematical modelling | | | | | | |
| Academic career | | | | | | | | | | | | | | |
|  | | | | | Year | Institution | | | | Scientific or art field | | | Narrow scientific, art or vocational field | |
| Election to a title | | | | | 2020 | Faculty of Sciences, University of Novi Sad | | | | Mathematical modelling | | | Mathematical modelling | |
| Doctorate | | | | | 2013 | Carnegie Mellon University, Pittsburgh, PA, USA | | | | Electrical engineering | | | Electrical engineering | |
| Diploma | | | | | 2007 | School of Electrical Engineering, University of Belgrade, Serbia | | | | Electrical engineering | | | Electrical engineering | |
| **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 | MDS07 | | Distributed optimization with applications | | | | | | lectures | | | MDS | | MAS |
| 2 | MDS11 | | Signals and systems | | | | | | lectures | | | MDS | | MAS |
| 3 | MDS17 | | Statistical theory for learning and signal processing | | | | | | lectures | | | MDS | | MAS |
| 4 | 19.MW0006 | | Master Thesis Research | | | | | | - | | | Artificial Intelligence | | MAS |
| 5 | 19.MW0011 | | Vocational practice | | | | | | - | | | Artificial Intelligence | | MAS |
| 6 | 19.MW0007 | | Master Thesis | | | | | | - | | | Artificial Intelligence | | MAS |
| 7 | 19.MW0008 | | Distributed Optimization with Applications | | | | | | lectures | | | Artificial Intelligence | | MAS |
| 8 | 19.MW0107 | | Statistical Theory for Learning and Signal  Processing | | | | | | lectures | | | Artificial Intelligence | | MAS |
| 9 | MDS12 | | Modeling seminar | | | | | | lectures | | | MDS | | MAS |
| 10 | MB23 | | Modeling seminar 1 | | | | | | lectures | | | MB | | MAS |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | | | |
|  | | Dusan Jakovetic, [Natasa Krejic](https://dblp.org/pid/69/6388.html), [Natasa Krklec Jerinkic](https://dblp.org/pid/155/8224.html): A Hessian Inversion-Free Exact Second Order Method for Distributed Consensus Optimization. [IEEE Trans. Signal Inf. Process. over Networks 8](https://dblp.org/db/journals/tsipn/tsipn8.html#JakoveticKJ22): 755-770 (2022), M22, DOI: [10.1109/TSIPN.2022.3203860](https://doi.org/10.1109/TSIPN.2022.3203860" \t "_blank) | | | | | | | | | | | | |
|  | | * Dusan Jakovetic, [Natasa Krejic](https://dblp.org/pid/69/6388.html), [Natasa Krklec Jerinkic](https://dblp.org/pid/155/8224.html), [Greta Malaspina](https://dblp.org/pid/256/5520.html), [Alessandra Micheletti](https://dblp.org/pid/213/0601.html): Distributed fixed point method for solving systems of linear algebraic equations. [Autom. 134](https://dblp.org/db/journals/automatica/automatica134.html#JakoveticKJMM21): 109924 (2021), M21, <https://doi.org/10.1016/j.automatica.2021.109924> | | | | | | | | | | | | |
|  | | * Dusan Jakovetic, [Dragana Bajovic](https://dblp.org/pid/96/8129.html), [João M. F. Xavier](https://dblp.org/pid/87/4027.html), [José M. F. Moura](https://dblp.org/pid/m/JMFMoura.html): Primal-Dual Methods for Large-Scale and Distributed Convex Optimization and Data Analytics. [Proc. IEEE 108(11)](https://dblp.org/db/journals/pieee/pieee108.html#JakoveticBXM20): 1923-1938 (2020), M21a, DOI: [10.1109/JPROC.2020.3007395](https://doi.org/10.1109/JPROC.2020.3007395" \t "_blank) | | | | | | | | | | | | |
|  | | * Dusan Jakovetic, [Natasa Krejic](https://dblp.org/pid/69/6388.html), [Natasa Krklec Jerinkic](https://dblp.org/pid/155/8224.html): Exact spectral-like gradient method for distributed optimization. [Comput. Optim. Appl. 74(3)](https://dblp.org/db/journals/coap/coap74.html#JakoveticKJ19): 703-728 (2019), M21, DOI: https://link.springer.com/article/10.1007/s10589-019-00131-8 | | | | | | | | | | | | |
|  | | D. Jakovetić, N. Krejić, N. Krklec Jerinkić, EFIX: Exact Fixed Point Methods for Distributed Optimization, Journal of Global Optimization,(2022), M21, DOI: https://doi.org/10.1007/s10898-022-01221-4 | | | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | | | |
| Total number of citations (Scopus) | | | | | | | 1076 | | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | | 10 | | | | | | | |
| Current participation in projects | | | | | | | National 1 | | | | International 5 | | | |
| Specializations | | | |  | | | | | | | | | | |
| Other information you may consider important | | | | | | | | | | | | | | |