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|  | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 |  |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES *AGRINDUSTRIAL ENGINEERING*  |

Table 9.1 Science, arts and professional qualifications

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| Name and last name: | Mirko Simikić |
| Academic title: | Assistant Professor |
| Name of the institution where the teacher works full time and starting date: | University of Novi Sad, Faculty of Agriculture, Department for Agricultural Engineering, July 17, 2007. |
| Scientific or art field: | Agricultural Engineering |
| Academic carieer |
|  | Year | Institution | Field |
| Academic title election: | 2012 | University of Novi Sad, Faculty of Agriculture | Agricultural Engineering |
| PhD thesis: | 2011 | University of Novi Sad, Faculty of Agriculture | Agricultural Engineering |
| Specialization: |  |  |  |
| Magister thesis | 2006 | University of Novi Sad, Faculty of Agriculture | Agricultural Engineering |
| Bachelor's thesis | 2003 | University of Novi Sad, Faculty of Agriculture | Agricultural Engineering |
| List of courses being held by the teacher in the accredited study programmes |
|  | ID | Course name | Study programme name, study type | Number of active teaching classes |
| 1. | 3ОПТ1О03 | Engineering communication | Agricultural Engineering (UAS) | 2+3 |
| 2. | 3ОАИ1О03 | Engineering communication | Agroindustrial Engineering (UAS) | 2+3 |
| 3 | 3ОPT4O15 | Power machines | Agricultural Engineering (UAS) | 0+3 |
| 4. | 3ОАИ8O32 | Power machines | Agroindustrial Engineering (UAS) | 0+3 |
| 5. | 3OPT5O21 | Agricultural tractors | Agricultural Engineering (UAS) | 0+3 |
| 6. | 3OPT5I42 | Оccupational safety in agriculture | Agricultural Engineering (UAS) | 2+0 |
| 7. | 3ОАИ6И42 | Environmental Engineering and Safety | Agroindustrial Engineering (UAS) | 2+0 |
| 8. | ЗМПТ1002 | Agricultural Engineering of Sustainable Agriculture | Agricultural Engineering (MAS) | 2+0 |
| 9. | ЗМПТ1И04 | Development and use of single axle tractors and motor implements | Agricultural Engineering (MAS) | 2+2 |
| 10. | 3ОАГ4О13 | Plant Protection | Plant and Environment Protection (UAS) | 0+2 |
| 11. | 3OOП6О27 | Machines in Organic Agriculture | Organic Agriculture (UAS) | 4+0 |
| 12. | 3ОУВ6И45 | Power and ameliorated machines | Water Management and Water Use (UAS) | 0+2 |
| 13. | - | Development And Maintenance Of Tractors Agricultural Engineering | Agricultural Extension (MAS) | 0+2 |
| 14. | 3ДАИ3106 | Power efficiency of tractors | Agronomy (DS) | 3+0 |
| Representative refferences (minimum 5, not more than 10) |
|  | Simikić M, Dedović N, Savin L, Tomić M, Silleili H, Ponjičan O. (2012): Influence of eccentric drawbar force on power delivery efficiency of a wheeled tractors. Turkish journal of Agriculture and Forestry, Vol. 36 (4), pp.486-500.  |
|  | Tomić M, Matić-Kekić Snežana, Savin L, Desnica Eleonora, Dedović N, Simikić M, Ponjičan O, Ašonja A: Optimization of the locations of overhaul capacities for agricultural engineering in Serbia by applying integer programming, African Journal of Agricultural Research, Vol.6(15), pp.3346-3354, 2011.  |
|  | Ponjičan O, Bajkin A, Dimitrijević Aleksandra, Savin L, Tomić M, Simikić M, Dedović N, Zoranović M. (2011): The effects of working parameters and tillage quality on rotary tiller specific work requirement. Afr. J. Agric. Res. Vol. 6(31), pp. 6513-6524. |
|  | [Ponjičan O,](http://kobson.nb.rs/?autor=Ponjican%20Ondrej%20O) [Bajkin A,](http://kobson.nb.rs/?autor=Bajkin%20Andjelko%20M) [Jaćimović G](http://kobson.nb.rs/?autor=Jacimovic%20Goran%20P), [Tomić M,](http://kobson.nb.rs/?autor=Tomic%20Milan%20D)[Savin L,](http://kobson.nb.rs/?autor=Savin%20Lazar%20D) [Dedović N](http://kobson.nb.rs/?autor=Dedovic%20Nebojsa%20A)., [Simikić M**.**](http://kobson.nb.rs/?autor=Simikic%20Mirko%20D)(2012): Tillage quality affecting physical characteristics, number of plants and carrot root yield under flat and ridge cultivation (Article), JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, Vol. 10 No. 2, pp. 304-311. |
|  | Tomić, M. D.,Savin, L. D., Mićić, R. D., Simikić, M. D., & Furman, T. F. (2013). Effects of fossil diesel and biodiesel blends on the performances and emissions of agricultural tractor engines. Thermal Science, 17(1), 263-278.  |
|  | Tomic, M., Savin, L., Micic, R., Simikic, M., & Furman, T. (2014). Possibility of using biodiesel from sunflower oil as an additive for the improvement of lubrication properties of low-sulfur diesel fuel. Energy, 65, 101-108.  |
|  | Kiss, F. E., Micic, R. D., Tomić, M. D., Nikolić-Djorić, E. B., & Simikić, M. C. D. S. (2014). Supercritical transesterification: Impact of different types of alcohol on biodiesel yield and LCA results. Journal of Supercritical Fluids, 86, 23-32.  |
|  | Simikić, M.,Dedović, N., Savin, L., Tomić, M., & Ponjičan, O. (2014). Power delivery efficiency of a wheeled tractor at oblique drawbar force. Soil and Tillage Research, 141, 32-43.  |
|  | Savin, L., Matić-Kekić, S., Dedović, N., Simikić, M., & Tomić, M. (2014). Profit maximisation algorithm including the loss of yield due to uncertain weather events during harvest. Biosystems Engineering, 123, 56-67.  |
|  | Simikić M: Research of parameters for better power efficiency of tractors. (PhD thesis). University of Novi Sad, Faculty of Agriculture, 2011. |
| Summary data for the teacher's scientific or art and professional activity:  |
| Quotation total:  |  |
| Total of SCI (SSCI) list papers: | 12 |
| Current projects: | Domestic: 2  | International: |
| Specialization  |  |