

CURRICULUM VITAE

PERSONAL INFORMATION

Name Danijela Gračanin, Ph.D
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Gender Female
Date of birth 14/01/1983
Nationality Serbian



FORMAL EDUCATION

2007 - 2014	<p>Ph.D. Department of Industrial Engineering and Management, Faculty of Technical Sciences, University of Novi Sad, Serbia</p> <ul style="list-style-type: none"> Ph.D. thesis title: Improving the efficiency of production processes by developing an expanded value stream model <p>Ph.D. was done under supervision of professor Borut Buchemeister from Faculty of Mechanical Engineering, University of Maribor, Slovenia</p>
2001 - 2007	<p>Master in Industrial Engineering and Management, Faculty of Technical Sciences, University of Novi Sad, Serbia (integrated bachelor and master studies)</p> <ul style="list-style-type: none"> The average grade achieved: 9,49 out of 10

INTERNATIONAL ACADEMIC BACKGROUND

2019	"Island 10-22" („Остров 10-22“) educational program for innovators in the field of higher education at Skolkovo Institute of Science and Technology, Moscow, Russia
2017/2018	ERASMUS + Staff Mobility For Teaching Technological Education Institute (TEI) of Sterei Ellada, Lamia, Greece
2017/2018	ERASMUS + Staff Mobility For Teaching Budapest University of Technology and Economics, Budapest, Hungary
2014	CEEPUS study visits (exchange), one month stay University of Maribor, Faculty of Mechanical Engineering, Maribor, Slovenia
2012 & 2011	CEEPUS study visits (exchange), one month stay Budapest University of Technology and Economics, Budapest, Hungary
2008	CEEPUS study visits (exchange), one month stay Faculty of Mechanical Engineering Skopje, North Macedonia
2006-	Participation in numerous training and workshops on EU funding, project application development for HORIZON 2020, TEMPUS and ERASMUS projects (organized by the local authorities or European Commission bodies)

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WORK EXPERIENCE	
2020 - ongoing	<p>Associate Professor Faculty of Technical Sciences, University of Novi Sad, Serbia Study programmes: Engineering Management, Industrial Engineering, Engineering innovation</p> <ul style="list-style-type: none"> ● Engaged in the following courses: Simulation modelling, Commercial business processes, Business process management, Technological and market trends, Brand management, Consumer behaviour, Project Procurement Management ● Public procurement advisor
2015 - 2020	<p>Assistant Professor Faculty of Technical Sciences, University of Novi Sad, Serbia Study programmes: Engineering Management, Industrial Engineering, Engineering innovation</p>
2007 - 2015	<p>Teaching Assistant Faculty of Technical Sciences, University of Novi Sad, Serbia Study programmes: Engineering Management, Industrial Engineering, Engineering innovation</p>
2006 -2007	<p>Consultant Agrotejp Consutant Agency</p>
LIST OF CORE PROJECTS AND POSITIONS	
National projects	
2020 - ongoing	<p>Project team member Project title: Innovative scientific and artistic research from the Faculty of Technical Sciences domain Institution: Faculty of Technical Sciences, University of Novi Sad Funded by the Ministry of Education, Science and Technological Development</p>
2020 - 2022	<p>Project team member Project title: Readiness of Slovenian and Serbian manufacturing companies for Industry 4.0 Institution: Faculty of Technical Sciences, University of Novi Sad Funded by the Ministry of Education, Science and Technological Development Serbian-Slovenian bilateral project</p>
2011 - 2019	<p>Project team member Project title: Development of software to manage repair and installation of brake systems for rail vehicles Institution: Faculty of Technical Sciences, University of Novi Sad Funded by the Ministry of Education, Science and Technological Development</p>
2011 - 2019	<p>Project team member Project title: Advancing Serbia's competitiveness in the process of the EU accession Institution: Faculty of Technical Sciences, University of Novi Sad Funded by the Ministry of Education, Science and Technological Development</p>

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2018 - 2019	<p><i>Project team member</i> Project title: Improving the teaching process in the study programs Industrial Engineering and Engineering Management through the Development of Digital Competences of Teachers and Students Using Information and Communication Educational Technologies (DigIIM) Funded by the Ministry of Education, Science and Technological Development</p>
2010	<p><i>Project team member</i> Project title: Research and analysis of e-commerce in Republic of Serbia Funded by the Ministry of trade and services</p>
2008	<p><i>Project team member</i> Project title: Development of Internet portal for communication of group of business systems Funded by the Ministry of trade and services</p>
International projects	
2019 - ongoing	<p><i>Project team member</i> Project title: Information and Communication Technologies for Sustainable Tourism Development (ICT4STD) Institution: Faculty of technical sciences, University of Novi Sad Funded under ERASMUS+ program</p>
2015 - 2017	<p><i>Project team member</i> Project title: Fostering students' entrepreneurship and open innovation in university-industry collaboration (iDEALab) Institution: Faculty of technical sciences, University of Novi Sad Funded under TEMPUS program</p>
2015 - 2017	<p><i>Project management team member and teacher</i> Project title: Mastering innovation in Serbia through development and implementation of interdisciplinary postgraduate curricula in innovation management (MAIN) Institution: Faculty of technical sciences, University of Novi Sad Funded under TEMPUS program</p>
2010 - 2013	<p><i>Project management team member and teacher</i> Project title: Production and Profitability improvement in Serbia Enterprises by adopting Lean Thinking Philosophy and strengthening Enterprise – Academia connections (LeanEA) Institution: Faculty of technical sciences, University of Novi Sad Funded under TEMPUS program</p>
2008 - 2012	<p><i>Project management team member</i> Project title: Conversion Courses for Unemployed University Graduates in Serbia (CONCUR) Institution: Faculty of technical sciences, University of Novi Sad Funded under TEMPUS program</p>
2008 - 2012	<p><i>Project management team member</i> Project title: Master Studies and Continuing Education Network in Product Lifecycle Management with Sustainable Production (MASPLM) Institution: Faculty of technical sciences, University of Novi Sad Funded under TEMPUS program</p>
Commercial projects	

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- ISO 9000:2000 Quality System Implementation and Organizational and Management Structure Improvement in Modelar Company, Novi Sad
- Design, Implementation and Management Information System (MIS) in Hotel "Dunav", Sremski Karlovci
- ISO 9000:2000 Quality System Implementation in Inter-Mehanika Company, Smederevo
- Improvement of business processes in Inter-Mehanika Company, Smederevo
- Business Process Management improvement in "NS Seme" Company
- Business Process Management improvement in "Transnafta" Company

Participation in Organizational and Program Committees for the Scientific Conferences

International Conference on Industrial Systems, University of Novi Sad, Faculty of Technical Sciences

International Conference for Entrepreneurship, Innovation and Regional Development

IJCIEOM - International Joint Conference on Industrial Engineering and Operations Management

CORE COMPETENCIES

Core personal competences

- Good knowledge of the University structures and Serbian government institutions and other actors involved in policy formulation and implementation
- Good knowledge of English language
- Valuable experience in project management
- Team worker with experience in leadership
- Advanced computer skills
- Excellent event management skills

LIST OF KEY SCIENTIFIC PUBLICATIONS

Hirszenberger, H., Ranogajec, J., Vucetic, S., Lalić, B., Gračanin, D. *Collaborative projects in cultural heritage conservation – management challenges and risks*, Journal of Cultural Heritage, Vol. 37, pp. 215-224, ISSN 1296-2074, <https://doi.org/10.1016/j.culher.2018.10.006>

Maric, M., Gračanin, D., Zogovic, N., Ruskic, N. Ivanovic, B. *Parking search optimization in urban area*, International Journal of Simulation Modelling, vol. 16, no. 2, DAAAM International, Vienna, pp. 213-225, ISSN 1726-4529, DOI: 10.2507/IJSIMM16(2)1.361

Gračanin, D., Lalić, B., Beker, I., Lalic, D., Buchmeister, B. *Cost-time profile simulation for job shop scheduling decisions*, International journal of simulation modelling, Vol. 12, No.4, pp. 213-224, ISSN 1726-4529, DOI: 10.2507/IJSIMM12(4)1.237

Čirić, D., Lalić, B., Gračanin, D. *Managing Innovation: Are Project Management Methods Enemies or Allies*, International Journal of Industrial Engineering and Management, Vol. 7, No. 1, pp.31-41, ISSN 2217-2661

Čirić D., Stančetić M., Gračanin D., Čurčić J. *The Importance of Non-technical Skills in Agile Project Teams*; In: Anisic Z., Lalic B., Gracanin D. (eds) Proceedings on 25th International Joint Conference on Industrial Engineering and Operations Management – IJCIEOM. IJCIEOM 2019. Lecture Notes on Multidisciplinary Industrial Engineering. Springer, Cham, pp. 325-332.

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<p>Stevanov, B., Gračanin D., Kesić, I., Ristić, S. <i>An Application of Period Batch Control Principles and Computational Independent Models for Supporting the Overhaul Process of the Railway Braking Devices</i>, International Journal of Industrial Engineering and Management (IJIEM), vol. 4, No. 2, pp. 95-101, ISSN 2217-2661</p>
<p>Demko-Rihter, J., Gračanin, D. <i>Transfer price as a factor of effective allocation of companies resources</i>, Annals of Faculty Engineering Hunedoara – International Journal of Engineering, Vol. 8, No 3, pp. 404-408, ISSN 1584-2665</p>
<p>Morača, S., Demko-Rihter, J., Gračanin, D. <i>Change management in modern organizations</i>, Annals of Faculty Engineering Hunedoara – International Journal of Engineering, Vol. 8, No 3, pp. 386-390, ISSN 1584-2665</p>
<p>Lalić, B., Gračanin D., Morača S. <i>The companies connecting with the aim of treatment and recycling of waste</i>, Annals of Faculty Engineering Hunedoara – International Journal of Engineering, Vol. 7, No 2, pp. 187-192, ISSN 1584-2665</p>
<p>Simeunović N., Jovanović M., Gračanin D., Lalić, B., Radaković N. <i>Differences of assessing importance in operations management activities in service companies in developed and developing countries</i>, 16. International Scientific Conference on INDUSTRIAL SYSTEMS – IS, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, 15-17 October 2014, pp. 275-281, ISBN 978-86-7892-652-5</p>
<p>Boročki J., Mitrović Veljković S., Gračanin D., Lalić D., Lalić, B. <i>Youth entrepreneurial potential</i>, 4. Deindustrialization: Phenomena, Consequences, Novi Sad, 15 June 2013, pp. 295-305, ISBN 978-86-7892-562-7</p>
<p>Beker, I., Radlovački, V., Gračanin, D. <i>Contents State of the Implementation of the Lean in Serbia</i>, Proceedings from the 2nd International Scientific Conference on Lean Technologies, LeanTech '13, University of Belgrade Faculty of Organizational Sciences, Belgrade, September 5-6, 2013, pp. 1-8, ISBN 978-86-7680-283-8.</p>
<p>Lalic B., Ciric D., Gračanin D., Anisic Z. (2019) The Importance of Education in Enhancing the Innovation Capacity in Serbia. In: Reis J., Pinelas S., Melão N. (eds) Industrial Engineering and Operations Management II. IJCIEOM 2018. Springer Proceedings in Mathematics & Statistics, vol 281. pp. 63-71, ISBN: 978-3-030-14973-4, https://doi.org/10.1007/978-3-030-14973-4</p>
<p>Čirić D., Lalić B., Gračanin D., Tasić N., Delić M., Medić N. <i>Agile vs. Traditional approach in project management: strategies, challenges and reasons to introduce agile</i>; 25th International Conference on Production Research Manufacturing Innovation: Cyber Physical Manufacturing, Chicago, Illinois (USA). Procedia Manufacturing, Vol. 39C, pp. 1407-1414.</p>
<p>Gračanin D., Čirić D., Lalić B., Čurčić J., Tasić N. <i>The impact of lean improvements on costtime profile</i>; 29th International Conference on Flexible Automation and Intelligent Manufacturing, Limerick, Ireland. Procedia Manufacturing, Vol. 38, pp. 316-323.</p>
<p>Čirić D., Lalić, B., Gračanin D., Palčić I., Zivlak N. <i>Agile Project Management in New Product Development and Innovation Processes: Challenges and Benefits Beyond Software Domain</i>, 1. IEEE International Symposium on Innovation and Entrepreneurship (TEMS-ISIE), Peking, 30-1 March 2018, pp. 156-163, ISBN 978-1-5386-4475-1</p>
<p>Mirković, M., Milisavljević, S., Gračanin, D. <i>A framework based on open-source technologies for automated churn prediction in non-contractual business settings</i>, Second international scientific conference ITEM 2018, Graz, Austria, November 8 2019, pp. 6-12, ISBN 978-86-80194-13-4</p>
<p>Spajić, J., Medvečki, D., Rakić, S., Čurčić, J., Gračanin, D. <i>How to create attractive customer experience: Implementation of Kano's theory in higher education</i>, 8. International Conference on Mass Customization and Personalization – MCPC, Novi Sad: Faculty of Technical Sciences, 19-21 September 2018, pp. 275-280, ISBN 978-86-6022-080-8</p>
<p>Gračanin, D., Čirić, D., Stevanov, B., Spajić, J., Čurčić, J., <i>Mass Customization and Co-creation on social networks</i>, 8. International Conference on Mass Customization and Personalization – MCPC, Novi Sad: Faculty of Technical Sciences, 19-21 September 2018, pp. 142-147, ISBN 978-86-6022-080-8</p>
<p>Morača, S., Cvetković, N, Fajsi, A., Gračain, D., Suzić, N. <i>Scheduling in project-based manufacturing environment</i>, 13. International Scientific Conference “Flexible Technologies” – MMA, Novi Sad: Faculty of Technical Sciences, 28-29 September 2018, pp. 199-202, ISBN 978-86-6022-094-5</p>

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<p>Čirić, D., Gračanin, D., Cvetković, N, Fajsi, A., Graić, I. <i>Agile Project Management beyond Software Development: Challenges and Enablers</i>, 9. International Scientific and Expert Conference (TEAM), Novi Sad: Faculty of Technical Sciences, 10-12 October 2018, pp. 245-251, ISBN 978-86-6022-098-3</p>
<p>Mirković, M., Milisavljević, S., Gračanin, D. A framework based on open-source technologies for automated churn prediction in non-contractual business settings, SECOND INTERNATIONAL SCIENTIFIC CONFERENCE ITEMA 2018 , Graz, Austria, November 8 2019, pp. 6-12, ISBN 978-86-80194-13-4</p>
<p>Ćirić, D., Gračanin, D. <i>Agile Project Management Beyond Software Industry</i>, 17. International Scientific Conference on Industrial Systems – IS'17, Novi Sad, Serbia, pp. 332- 337, ISBN 978-86-7892-978-6</p>
<p>Stevanov, B., Gračanin, D., Suzic, N., Tesic, Z. <i>Visibility of Industry 4.0 on Social Networks</i>, 17. International Scientific Conference on Industrial Systems – IS'17, Novi Sad, Serbia, pp. 78-83, ISBN 978-86-7892-978-6</p>
<p>Čirić D., Borocki J., Gračanin D., Lalić, B. <i>Methodologies for measuring innovation performances</i>, 7. International Conference on Mass Customization and Personalization in Central Europe MCP-CE, Novi Sad, 21-23 September 2016, pp. 49-57, ISBN 978-86-7892-84-4432</p>
<p>Čirić D., Gračanin D., Lalić, B. <i>The importance of innovation capabilities for economies in transition</i>, 7. The transformation of social identity in crisis conditions and its impact on European integration, Novi Sad: Faculty of Technical Sciences, 21 June 2016, pp. 115-131, ISBN 978-86-7892-829-1</p>
<p>Bilic I., Čirić D., Lalić, B., Gračanin D. <i>Macro and Micro Innovativeness of the Western Balkan Countries</i>, 8. International Conference on the Economies of the Balkan and Eastern European Countries in the Changing World (EBEEC), Split: Springer Proceedings in Business and Economics. Springer, Cham, 6-8 May 2016, pp. 225-239, ISBN 978-3-319-70377-0, https://doi.org/10.1007/978-3-319-70377-0_16</p>
<p>Gračanin, D., Lazarević Đ., Sremčev N., Stevanov, B. <i>Product lifecycle management data integration for the overhaul of railway braking devices</i>, 6. INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ENGINEERING SIE 2015, Faculty of Mechanical Engineering, Belgrade, pp. 222-225, ISBN 9788670838642</p>
<p>Gračanin, D., Buchmeister, B., Lalić, B. <i>Using Cost-Time Profile for Value Stream Optimization</i>. Procedia Engineering, vol. 69, DAAAM International, Vienna, pp. 1225-1231, ISSN 1877-7058</p>
<p>Gračanin, D., Demko Rihter, J., Simeunović, A., Lalić, G. <i>Implementation of lean tools in traditional accounting system</i>, Proceedings from the XVI International Scientific Conference on Industrial Systems – IS '14, University of Novi Sad Faculty of Technical Sciences, Novi Sad, Serbia, 15-17 October 2014, pp. 383-386, ISBN 978-86-7892-652-5.</p>
<p>Simeunović, N., Jovanović, M, Gračanin, D., Lalić, B., Bojanović, R. <i>Differences of assessing importance in operations management activities in service companies in developed and developing countries</i>, Proceedings from the XVI International Scientific Conference on Industrial Systems – IS '14, University of Novi Sad Faculty of Technical Sciences, Novi Sad, Serbia, 15-17 October 2014, pp. 275-280, ISBN 978-86-7892-652-5</p>
<p>Buchmeister, B., Kremljak, Z., Gračanin, D. <i>Introduction of a new performance measure for job shop scheduling</i>, Proceedings of the 18th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" – TMT 2014, Budapest, pp. 449-452, ISSN 1840-4944</p>
<p>Chatzopoulos, C., Gračanin, D., Veža, I., Tsigkas, A. <i>Demand-Driven Supply Chain using Lean & Agile Principles: a Culture for Business Excellence</i>, Proceedings of the 5th International Conference for Entrepreneurship, Innovation and Regional Development, Sofia, Bulgaria, 1-2 June 2012, pp. 212-219, ISBN 978-954-07-3346-3</p>
<p>Gračanin D., Stevanov B., Tešić Z. <i>Using IT technologies for integration between planning and shop floor level: a case of the overhaul process for train braking devices</i>, Proceedings of the XIII International Symposium of Organizational Sciences – SymOrg 2012: Innovative Management and Business Performance, Zlatibor: University of Belgrade, Faculty of organizational sciences, 5-9 June 2012, pp. 915- 923, ISBN 978-86-7680-255-5</p>
<p>Marjanović U., Gračanin D., Lalić B. <i>Web stores in Serbia: Recommendation for e-business strategy implementation</i>, Proceedings of the XIII International Symposium of Organizational Sciences –</p>

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SymOrg 2012: Innovative Management and Business Performance, Zlatibor: University of Belgrade, Faculty of organizational sciences, 5-9 June 2012, pp. 968-973, ISBN 978-86-7680-255-5
Spajić, J., Medvečki, D., Ćirić, D., Ćurčić, J., Gračanin, D. <i>Merenje percipiranog kvaliteta visokog obrazovanja u cilju unapređenja zadovoljstva studenata</i> , 25. Trendovi razvoja - TREND, Kopaonik: Fakultet tehničkih nauka, Univerzitet u Novom Sadu, 11-14 Februar 2019, pp. 140-143, ISBN 978-86-6022-140-9
Ćirić, D., Gračanin, D., Spajić, J., Ćurčić, J. <i>Značaj i potencijal ženskog preduzetništva na Univerzitetu u Novom Sadu</i> , 25. Trendovi razvoja - TREND, Kopaonik: Fakultet tehničkih nauka, Univerzitet u Novom Sadu, 11-14 Februar 2019, pp. 312-315, ISBN 978-86-6022-140-9
Tešić, Z., Stevanov, B., Gračanin, D., Tasić, N., Petrović, G. <i>Upotreba informacionih tehnologija za unapređenje procesa upravljanja skladištenjem semena poljoprivrednog bilja</i> , 18th International Symposium INFOTEH-JAHORINA, 20-22 Mart 2019, pp. 333-337, ISBN 978-99976-710-2-8
Medvečki, D., Rakić, S., Stanković, J. Gračanin, D., Simeunović, N. (2018). <i>Komuniciranje na društvenim mrežama kao element procesa izgradnje brenda</i> Fakulteta tehničkih nauka, Trendovi razvoja – TREND, Kopaonik: Fakultet tehničkih nauka, 21-23. februar, 2018., str. 73-77, ISBN 978-86-6022-031-0
Ćirić, D., Gračanin, D., Cvetković, N. <i>Why do we use agile project management in and beyond it sector</i> , 22. International Congress on Project Management IPMA, Belgrade: Udruženje za upravljanje projektima Srbije, 28-30 September 2018, pp. 73-78, ISBN 978-86-86385-15-4