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Date of birth: 23rd July 1975. in Nis, Serbia.**Work experience:****Dec. 2000 – present:** Teaching assistant (field of applied fluid mechanics and hydraulic machines and systems) at the Department of Hydroenergetics, Faculty of Mechanical Engineering, University of Nis, Serbia.**Education:****2007 – present** PhD study on Applied Mechanics of fluid at the department of Hydroenergetics, Faculty of Mechanical Engineering University of Nis. Passed all exams with an average grade 10. Currently work on the doctoral thesis.**2006:** Participant of PhD course "SimLab Short Course on Numerical Simulation and Parallel Computing - Belgrade 2006", 1.-7. October 2006. (lecturers: Hans-Joachim Bungartz).

Participant of TEMPUS workshop organized by Faculty of Mechanical Engineering Kragujevac (Restructuring of Mechanical Engineering studies, CD_JEP-18114-2003), Computational Fluid Dynamics, OpenFOAM i ParaView lecturers: prof. Dr Müller and Adrian Magda from the Technical University Braunschweig), 29.may - 2. june 2006.

Participant of PhD course "The Second Ph.D Course - Computational Engineering", under the patronage of DAAD, Pamporovo, Bulgaria, 10. - 15. june 2006.

2000 – 2004 Postgraduate study on Applied Mechanics of fluid at the department of Hydroenergetics, Faculty of Mechanical Engineering University of Nis. During that time passed all exams with an average grade 10.**1994 – 2000:** Graduate Mechanical Engineer (Dipl.Ing) - 10 semester study program on the Department of Hydroenergetics, Faculty of Mechanical Engineering University of Nis, Serbia, with an average grade 9,76.

- Award and scholarship from the Norway Government.

- Laureate of the best graduate student award of Faculty of Mechanical Engineering in Nis, as well as the award of University of Nis (for the school year 1999/2000).

1982 – 1994: Primary school "Ćele Kula" in Niš. Grammar school "Bora Stanković" in Niš. Both finished with a "Vuk Karadzic" diploma.**IT skills:** Computer literate in MS Office, Ansys CFX, AFT Fatom, Origin, Corel Draw, etc.**Language skills:** Serbian, English (speak and write), French (understand and write).**Projects:****2011–present:** Researcher on Project TR33040 - The revitalization of existing and designing of new micro and mini hydro power plants (from 100 up to 1000 kW) on the territory of south and southeastern Serbia, supported by the Ministry of education and Science. Project leader: dr Dragica Milenković.

Researcher on Project TR35016 - The research of MHD flows around bodies, cavity and canal and application on MHD pumps, supported by the Ministry of education and Science. Project leader: dr Dragiša Nikodijević.

2008–2010: Researcher on Project EE 18012 - The development of reversible axial flow fans designs, supported by the Ministry of Science, Technology and Development, Republic of Serbia. Project leader: dr Božidar Bogdanović.

Researcher on Project EE 18010 – Investigation if fluid flows for the purpose of energy efficiency increase, supported by the Ministry of Science, Technology and Development, Republic of Serbia. Project leader: dr Zoran Boričić.

Researcher on Project TR14032 - The improvement of centrifugal pumps constructive solution for the purpose of expansion of operating area and improvement of cavitation characteristics, supported by the Ministry of education and Science. Project leader: dr Dragiša Nikodijević.

2005–2008: Researcher on Project NPEE 242004 – Designing of energy efficient pumps station in multi-level buildings in city of Niš, supported by the Ministry of Science, Technology and Development, Republic of Serbia. Project leader: dr Dragica Milenković.**2004–2007:** Researcher on Project NPV 22 – The model of rational water management in agriculture, supported by the Ministry of Science, Technology and Development, Republic of Serbia. Project leader: dr Dimitrije Avakumović.

Researcher on Project NPEE 1006 – Turbine-pump aggregate for the purpose of irrigation, supported by the Ministry of Science, Technology and Development, Republic of Serbia. Project leader: dr Božidar Bogdanović.

2002–2005: Researcher on Project NPEE – The optimization of pump station in the systems of water distribution, supported by the Ministry of Science, Technology and Development, Republic of Serbia. Project leader: dr Dragica Milenković.

Several industry projects and expertise (for companies: Vlasinska Rosa in Topli Dol, FIN INVEST – Podgorica).

Text books:

Co-author of 3 text books in Serbian language, published by Faculty of Mechanical Engineering, University of Niš.

1. **"Fans – operating parameters and exploitation properties"**, number of pages 218, (ISBN 978-86-80587-71-4, COBISS.SR-ID 144609804), published in 2006.
2. **"Compressors – thermodynamics of gas compression"**, number of pages 224, (ISBN 978-86-80587-71-4, COBISS.SR-ID 144609804), published in 2007.
3. **"Pneumatic conveying"**, number of pages 268, (ISBN 978-86-80587-92-9, COBISS.SR-ID 168081420), 2009.

List of references:

Co-author of 4 technical solutions in the field of:

- designing of industrial pipeline systems for water distribution;
- designing of hydraulic turbomachinery and systems (turbine-pump aggregate; centrifugal pump);
- designing of laboratory test rigs for LDA measurements;

Co-author of many scientific and professional paper works:

1. Milenković D., Jovanović D., Bogdanović-Jovanović J., „Eksperimentalno određivanje karakteristika pumpi na štandovima specijalne namene“, Zbornik radova HIPNEF '00., str. 269÷273, Beograd.
2. Bogdanović B., Spasić Ž., Bogdanović-Jovanović J., „Regulacija režima rada osnih pumpi zakretajem lopatica radnog kola“, zbornik radova HIPNEF '02, str. 65÷71, Vrnjačka Banja.
3. Bogdanović B., Milanović S., Bogdanović J.: „Proračun pada pritiska u pravolinijskim deonicama cevovoda visokopritisnog letećeg pneumatičkog transporta“, XVI Kongres o procesnoj industriji PROCESING 2002, Subotica, Procesna Tehnika (str. 28÷31)
4. Bogdanović B., Spasić Ž., Bogdanović-Jovanović J., "Mogućnosti regulacije režima rada pumpe primenom broja obrtaja s obzirom na ograničenu oblast njenog stabilnog i ekonomičnog rada", 13. Savetovanje jugoslovenskog društva za hidraulična istraživanja, Zbornik radova, str.III-85÷III-92, Soko Banja.
5. Bogdanović B., Milanović S., Bogdanović-Jovanović J., "Uticaj tipa ventilatorskog kola na buku centrifugalnog ventilatora", XVII Kongres o procesnoj industriji, PROCESING 2003, Zrenjanin, Procesna Tehnika, str. 165÷ 169.
6. Bogdanović B., Bogdanović-Jovanović J., Milanović S.: "Preračunavanje karakteristika zapreminskog stepena korisnosti kod uljnih pumpi i hidromotora", Zbornik radova HIPNEF '04, Zbornik radova, str. 65÷71, Vrnjačka Banja.
7. Milenković D., Bogdanović-Jovanović J., "Nestabilnost strujanja u radnim kolima turbomašina", Zbornik radova HIPNEF '04, Zbornik radova, str.321÷326, Vrnjačka Banja.
8. Bogdanović-Jovanović J., Bogdanović B., Milanović S.: "Algoritam numeričkog proračuna radnih karakteristika zajedničkog rada elektromotora i hidrodinamičke spojnice", Zbornik radova HIPNEF '04, Zbornik radova, str. 333÷338, Vrnjačka Banja.
9. Bogdanović-Jovanović J., Milanović S., Bogdanović B.: "Ocena ekonomičnosti kontinualne regulacije protoka promenom broja obrtaja ventilatorskog kola i zakretanjem lopatica sprovodnog aparata kod centrifugalnih ventilatora velike snage", XVIII Kongres o procesnoj industriji, PROCESING 2004., Procesna Tehnika str. 121÷125, Beograd.
10. Bogdanović B., Ilić G., Bogdanović-Jovanović J., "Rešenje dovoda vode od izvorišta do rezervoara u fabrici vode kompanije "Simp" u Toplom Dolu (Vlasina)", XVIII Kongres o procesnoj industriji, PROCESING 2004., Procesna Tehnika str. 121÷125, Beograd.
11. Bogdanović B., Bogdanović-Jovanović J., Milanović S., "Akustičke karakteristike centrifugalnih ventilatora i njihov proračun po teoriji sličnosti", Naučno-stručni skup sa međunarodnim učešćem IRMES '04, Zbornik radova, str. 459÷464, 16÷17 septembar 2004., Kragujevac.
12. Bogdanović B., Bogdanović-Jovanović J., Milanović S., "Matematička simulacija rada mreže navodnjavanja kišenjem", 12. Simpozijum termičara Srbije i Crne Gore, 18-21. oktobar 2005, SokoBanja.
13. Bogdanović B., Spasić Ž., Bogdanović-Jovanović J., "Calculation of starting regime of power transmission system with a hydrodynamic coupling and a driving motor", Facta Universitatis, series: Mechanical Engineering, Vol.3, N°1, 2005., str. 59÷68. (<http://facta.junis.ni.ac.rs/me/me2005/me2005-05.html>)

14. Bogdanović B., Ilić G., Bogdanović-Jovanović J., "Proračun i elementi cevovoda gravitacionog dovoda vode od izvorišta do fabrike za flaširanje vode", XIX Kongres o procesnoj industriji, PROCESING 2006, rad br.26, str.46.,14-16. jun 2006., Beograd.
15. Bogdanović B., Stamenković Ž., Bogdanović-Jovanović J., "Turbinsko-pumpni agregat za navodnjavanje", XIX Kongres o procesnoj industriji, PROCESING 2006, rad br.27, str.47.,14-16. jun 2006., Beograd.
16. Bogdanović B., Stamenković Ž., Bogdanović-Jovanović J., "Korekcija profila lopatica sprovednog aparata cevne turbine prema numeričkoj simulaciji strujanja u turbini", XIX Kongres o procesnoj industriji, PROCESING 2006, rad br.47, str.76.,14-16. jun 2006., Beograd.
17. Bogdanović-Jovanović J., Stamenković Ž., Bogdanović B., "Numerička simulacija i određivanje radnih parametara niskopritisnog ventilatora", XIX Kongres o procesnoj industriji, PROCESING 2006, rad br.46, str.75.,14-16. jun 2006., Beograd.
18. Bogdanović B., Stamenković Ž., Bogdanović-Jovanović J., "The development of turbine-pump aggregate", Termal Science, Supplement to Vol.10, No 4, 2006., str.163÷176. (<http://thermalscience.vinca.rs/2006/4>)
19. Bogdanović-Jovanović J., Stamenković Ž., Bogdanović B., "Simulacija radnih karakteristika turbinsko-pumpnog agregata za navodnjavanje", XX Kongres o procesnoj industriji, PROCESING 2007, rad br.17, str.43., 13-15. jun 2007., Beograd.
20. Bogdanović B., Stamenković Ž., Bogdanović-Jovanović J., "Promena režima rada pumpi u vodovodnim sistemima sa kontrarezervoarom", XIII Simpozijum termičara, SIMTERM 2007, rad br.P.II.7, 16-19. oktobra 2007., Soko Banja (http://simterm.masfak.ni.ac.rs/proceedings/13-2007/papers/session_2.htm).
21. Bogdanović B., Bogdanović-Jovanović J., Stamenković Ž., Majstorović P., "The comparison of theoretical and experimental results of velocity distribution on boundary streamlines of separated flow around a hydrofoil in a straight plane cascade", Facta Universitatis, series: Mechanical Engineering, Vol.5, N°1, 2007., str. 33÷46. (UDC 532.526 : 532.528). (<http://facta.junis.ni.ac.rs/me/me2007/me2007-04.html>)
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23. Bogdanović-Jovanović J., "Uporedna analiza metoda Lobačova i Krosa za proračun protoka u deonicama prstenastih vodovodnih mreža", 31. kongres HIPNEF 2008., od 15. do 17. oktobra 2008., Vrnjačka Banja, Proceedings, str. 237-244.
24. Bogdanović B., Bogdanović-Jovanović J., Milanović S., "Proračun pada pritiska transportnog vazduha pri izotermkom i neizotermkom letećem pneumatičkom transportu", XIV Simpozijum termičara, SIMTERM 2009, 13-16. oktobra 2009., Sokobanja, Proceedings, str. 724-733. (http://simterm.masfak.ni.ac.rs/proceedings/14-2009/PAPERS_AND_SESSIONS/8-MATHEMATICAL_MODELING/P.VIII.2.BogdanovicB.pdf)
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26. Bogdanović-Jovanović J., Milenković D., Bogdanović B., "Numerička simulacija strujanja i radnih karakteristika osne pumpe", 32.kongres HIPNEF 2009., od 14. do 16. oktobra 2009., Vrnjačka Banja, Proceedings str. 217-224. (<http://www.smeits.rs/include/data/docs0028.pdf>)
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29. Bogdanović-Jovanović J., Stamenković Ž., Bogdanović B., "Numerical and Experimental Results of Fluid Flow Velocity Field Around a Smooth Sphere Using Different Turbulence Models", The International Conference – Mechanical Engineering in XXI Century, 25-26. November 2010., Proceedings, pp. 103÷106. (COBISSIS.SR-ID 179681036).
30. Bogdanović-Jovanović J., Stamenković Ž., "Influence of Duct Cross-section on the Flow Characteristics Around a Smooth Sphere", The Third Serbian Congress on Theoretical and Applied Mechanics, 05-08. October 2011., Vlasina Lake.
31. Bogdanović B., Bogdanović-Jovanović J., Milanović S., "Calculation of Fan Operating Parameters for Different Numbers of Revolutions, Considering the Influence of Reynolds Number", 15. Symposium on Thermal Science and Engineering of Serbia, 18-21. October 2011., Proceedings, pp. 117÷186. (ISBN 978-86-6055-018-9).
32. Stamenković Ž., Bogdanović-Jovanović J., "Rotating Stal in Centrifugal Pumps Radial Impellers", 15. Symposium on Thermal Science and Engineering of Serbia, 18-21. October 2011., Proceedings, pp. 846÷855. (ISBN 978-86-6055-018-9).
33. Blagojević V., Bogdanović-Jovanović J., Stojiljković M., "Control Systems for Micro and Mini Hydropowerplants", 15. Symposium on Thermal Science and Engineering of Serbia, 18-21. October 2011., Proceedings, pp. 918÷927. (ISBN 978-86-6055-018-9).