



**Europass
Curriculum Vitae**

*PhD Žarko Čojbašić
full professor*



First name, surname	Žarko Čojbašić
Place and date of birth	Niš, Serbia, 22 nd May 1968
Contact information	E-mail: zcojba@ni.ac.rs Postal: Mechanical Engineering Faculty of the University of Niš, Aleksandra Medvedeva 14, 18000 Niš, Serbia
Gender and nationality	Gender: Male Nationality: Serbian
Occupation	Full professor of the Mechanical Engineering Faculty, University of Niš, Serbia
Education	Finished mathematical-technical gymnasium in Niš (1987), profession computer programmer. Graduated at the Mechanical Engineering Faculty of the University of Niš (1988-1993), course of study automatic control. Graduated in the field of control of steam turbines. In 1997 obtained magister of technical sciences postgraduate degree, in the field of automation and robotics. In 2002 obtained PhD degree in technical sciences for the field of control systems and robotics.
Titles	PhD in technical sciences, grad.mech.eng.
Titles of theses	Magister thesis: "Contribution to the design of fuzzy control structures for mechanical engineering systems of novel generation". Doctoral dissertation: "Development of new intelligent adaptive fuzzy and hybrid control systems"
Work experience	Since April 1994 employed as teaching and research assistant, assistant professor, associate professor and currently as full professor at the Department for Mechatronics and Control of the Mechanical Engineering Faculty in Niš. Former Head of the Department for Mechatronics and Control (2013-2016), founder and former Head of the Control Systems Laboratory (2008-2013).
University courses lectured	Automatic control, Robotics, Robots and manipulators, Control systems in mechatronics, Neuro and fuzzy modelling and control, Control systems, Industrial control, Computer networks, Internet and internet technologies, Hydraulic and pneumatic control systems, Multivariate control systems, as well as significant number of other courses at graduate, postgraduate and doctoral studies and modules.
Most significant prizes and awards	Awarded 4 times with charter of the city of Niš as the best student of Mechanical Engineering Faculty in academic year (1989, 1991, 1992, 1993), 3 times with charter of the University of Niš as the best student of Mechanical Engineering Faculty in academic year (1989, 1991, 1992), silver sign of the University of Niš as the best graduated student of the Mechanical Engineering Faculty in academic 1992/93 year (1993), special prize of the Mechanical Engineering Faculty Niš as the best graduated student during first 35 years of Faculty existence (1995).

Publications	Published more than 200 scientific papers of which approximately 60 in international journals from SCI list. Scopus h-index 20 with over 1150 citations, Google Scholar h-index 22 with over 1530 citations.
Membership in professional organizations	Senior Member of IEEE - <i>The Institute of Electrical and Electronics Engineers</i> for 23 years, its Serbia and Montenegro Section and its CSS – <i>Control Systems Society</i> , CIS – <i>Computational Intelligence Society</i> and RAS - <i>Robotics and Automation Society</i> and member of Association of Serbia for systems, control and measurements (SAUM). Elected Chairman of Computational Intelligence Chapter of IEEE Serbia and Montenegro Section.
Scholarships	Scholarship of the University of Niš, Scholarship of the State fund for development of scientific and art youth, scholarship of Ministry for science and technology of the Republic of Serbia, three research scholarships of German foundation for academic exchange DAAD (1998, 2003, 2018), Erasmus Mundus research grant (2017), French Government research grant (2019).
Leadership and participation in projects	Participated or participates in numerous projects of Ministries of the Government of the Republic of Serbia in the field of control of mechanical engineering systems. Participated in many international projects (research, scientific, educational and also others e.g. project of retraining high rank officers of the Army of Serbia in engineering professionals PRISMA in the ICT field), of which in four international projects had leading positions. Also, supervised several student projects financed by companies in the field of control, computers and communications.
Reviews and editorships	Reviewer of Ministry of Science of Serbia for innovation projects, reviewer of Ministry of Science and Technology of Serbia for projects of technological development, reviewer of Commission for accreditation in higher education of Serbia, reviewer of university textbooks, scientific journals and editor and member of editorial boards of several journals. Also acting as European Union expert for evaluation of H2020 EU projects.
Scientific and professional fields of interest	Control systems and robotics. Intelligent control systems. Computational intelligence. Fuzzy control, relation and hybridization with conventional control techniques, hybridization with other techniques of computational intelligence (neural nets, genetic algorithms, etc.), applications in robotics, mechatronics, active mechanic systems and generally in mechanical engineering systems. Applied ICT techniques, networking, communications, programming.
Study visits	Fraunhofer IPK Institut, Berlin, Germany (1998, 2003), Technical University in Braunschweig, Germany (1998), Technical University of Ilmenau, Germany (2003), Manchester Business School, Manchester, UK (2005), University of Vigo, Spain (2017), Technical University Berlin, Germany (2018), University of Poitiers, France (2019), University of Lappeenranta, Finland (2020); also shorter visits in the framework of activities in international projects: Technical University of Berlin, Germany (2013-2018), University of Bremen, Germany (2010, 2011, 2012, 2015), Technical University in Munich, Germany (2010), Imperial College, London, UK (2011), Technical University of Karlsruhe, Germany (2010), Polytechnic University of Catalonia, Barcelona, Spain (2011), University of Exeter, UK (2010), German University of Cairo, Egypt (2010).
Languages	Serbian (mother tongue), English (C2), German (B1)
Other	Marital status: Married, father of one daughter.
Pages at citation services	Google scholar: https://scholar.google.com/citations?user=BwPRYDoAAAAJ&hl=sr Scopus: https://www.scopus.com/authid/detail.uri?authorId=15727446500