



Europass Curriculum Vitae

PERSONAL INFORMATION

Name	PETKOVIC Darko
Address	Branilaca Bosne 16A, 72 000 Zenica, Bosnia and Herzegovina
Telephone	+ 387 62 330 103 / + 387 61 769 974 / + 387 32 449 145 /+387 32 444 420
Fax	+ 387 32 418 749 or + 387 32 444 431
E-mail	dpetkovic@mf.unze.ba, darko.petkovic@unze.ba or darkopetkovic1960@gmail.com

Nationality at birth	Yugoslavia
Present nationality	Bosnia and Herzegovina

Date of birth [Day, month, year]	10.11.1960.
Place of birth	CRKVICA, ZENICA

Sex	Male
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Marital status	Married
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Dependants					
Name	Branka	Tara	Leposava		
Date of birth [Day, month, year]	28.06.1972.	05.12.2002	24.09.1932.		
Relationship	wife	daughter	mother		

WORK EXPERIENCE

- Dates March 2015. - onwards
- Name and address of employer **University of Zenica, ul. Fakultetska 3, 72000 Zenica, Bosnia and Herzegovina**
- Type of business or sector Science, Development, Innovation, Entrepreneurship, Quality Assurance, Higher Education
- Occupation or position held Full Professor, Dr. Sci., Director
- Main activities and responsibilities Professor in the field of Production Systems, Technologies and Entrepreneurship
Chief of the Chair for Maintenance
Director of the Innovation and Entrepreneurship Centre at the University of Zenica
- Dates December 2010. – 01. March 2015.

- Name and address of employer
University of Zenica, ul. Fakultetska 3, 72000 Zenica, Bosnia and Herzegovina
- Type of business or sector
Science, Development, Innovation, Entrepreneurship, Higher Education
- Occupation or position held
Vice – Rector, Full Professor, Dr. Sci.
- Main activities and responsibilities
Vice-rector for International Cooperation and QA at the University of Zenica
Professor in the field of Production Systems, Technologies and Entrepreneurship
Chief of the Chair for Maintenance
- Dates
November 2008- onwards
- Name and address of employer
Innovation and Entrepreneurship Centre at the University of Zenica, ul. Travnička 3, 72000 Zenica, Bosnia and Herzegovina
- Type of business or sector
TTO – Technology Transfer Office for the University of Zenica
- Occupation or position held
Full Professor, Dr. Sci.
- Main activities and responsibilities
Director
- Dates
November 2004- December 2010.
- Name and address of employer
University of Zenica, ul. Fakultetska 3, 72000 Zenica, Bosnia and Herzegovina
- Type of business or sector
Science, Development, International Cooperation
- Occupation or position held
Vice – Rector, Associate Professor, Dr. Sci.
- Main activities and responsibilities
Vice-rector for Science, Development and International Cooperation at the University of Zenica
Chief of Laboratory for Technical Diagnostic at the Faculty of Mechanical Engineering
- Dates
February 1985 – October 2004.
- Name and address of employer
University of Sarajevo, Faculty of Mechanical Engineering in Zenica, ul. Fakultetska 1, 72000 Zenica, Bosnia and Herzegovina
- Type of business or sector
Scientific-educational, skill and investigations
- Occupation or position held
Ass. Professor Dr. Sci.
- Main activities and responsibilities
Skill and scientific-investigation work in the filed of Factories Maintenance and Production Process Design
Chief of Laboratory for Technical Diagnostic
- Dates
July 1984 – February 1985
- Name and address of employer
BH Steel Company Zenica, Blast Furnaces Department, ul. Bulevar Kralja Tvrtka 17, 72000 Zenica, Bosnia and Herzegovina
- Type of business or sector
Skill operation in Maintenance
- Occupation or position held
Techno log for maintenance
- Main activities and responsibilities
Vibration diagnosis of rotary equipment
- Dates
September 1990 – December 1990

- Name and address of employer
Polytechnic University of Ostrava, Faculty of Mechanical Engineering in Ostrava and Steel Company Bohumin, Czech Republic
- Type of business or sector
Scientific Research and Production
- Occupation or position held
Researcher
- Main activities and responsibilities
Project : The Group Technology in the Mononblock Wheel Production
- Dates
August 1996 – April 1997
- Name and address of employer
Rheinsch-Westfalische Technical University of Aachen, Laboratory for Machine Tools, Aachen, Steinbachstrasse 53, D-52 056 Aachen, Germany
- Type of business or sector
Project : Autonomous Production Cells (Project for German Government)
- Occupation or position held
Researcher
- Main activities and responsibilities
Autonomous Production Cell – The Integration of Gripping and Clamping Planning (subproject chief)
- Dates
September 1998 – June 1999
- Name and address of employer
Polytechnic University of Turin, Department of Production Systems, Corso Duca degli Abruzzi 24, 10129 Torino, Italy
- Type of business or sector
Project : The Measure of Producibility (Project for FIAT company)
- Occupation or position held
Researcher
- Main activities and responsibilities
The new model for calculation of producibility in the early designing phase.
- Dates
March 2000 – May 2000
- Name and address of employer
Polytechnic University of Turin, Department of Production Systems, Corso Duca degli Abruzzi 24, 10129 Torino, Italy
- Type of business or sector
Tempus project
- Occupation or position held
Professor at the course of Industrial Design
- Main activities and responsibilities
Courses and exams
- Dates
June 2000 – August 2000
- Name and address of employer
Polytechnic University Catalonia of Barcelona, Department of Mechanical Engineering and CIM Systems, Avda. Diagonal 647, E-08028 Barcelona, Spain
- Type of business or sector
Tempus project
- Occupation or position held
Work on the book "CIM Systems and Flexible Manufacturing"
- Main activities and responsibilities
Scientific - Research
- Dates
May 2003 – August 2003
- Name and address of employer
Polytechnic University Catalonia of Barcelona, CIM Center and Technology Park Valles, Llorens Artigas 4, Edifici U, 08028 Barcelona, Spain
- Type of business or sector
Tempus project

- Occupation or position held
- Main activities and responsibilities

Work on the book "Technology Park – More than Place for Technology Transfer and SME's Development"
 Scientific - Research

EDUCATION AND TRAINING

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification

1994 - 1999
University of Sarajevo, Sarajevo, Bosnia and Herzegovina;
University of Turin (Italy);
University of Novi Sad, Yugoslavia ; University of Aachen (Germany);
 A Contribution to the Development of Production Systems with High Flexibility on the Base of Group Technology
 PhD
 Doctor of Technical Sciences

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1985 - 1992
University of Novi Sad, Yugoslavia ; Technical University of Ostrava, Czech Republic
 The Investigation of Production Possibilities and Designing of the Wheel Optimum Model
 Master of Technical Sciences -MSc

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1979 - 1984
University of Sarajevo, Bosnia and Herzegovina
Faculty of Mechanical Engineering in Zenica
 The optimization Model of Machine Tools Maintenance Production Systems
 Bachelor of Mechanical Engineering

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered

May-June 1999.
REFA, Darmstadt, Germany
PROZEßDATEMANAGEMENT (80 hours)

- Dates
- Name and type of organization providing

June-July 1999.
REFA, Darmstadt, Germany

education and training
 • Principal subjects/occupational skills covered

ARBEITSSYSTEM – UND PROZESSGESTALTUNG (80 hours)

PERSONAL SKILLS AND COMPETENCES
Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE	Serbs
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OTHER LANGUAGES

[Indicate level: excellent, good, basic.]

[Specify language]	English	Italian	Catalan	German	
• Reading skills	good	good	basic	basic	
• Writing skills	good	basic	basic	no	
• Verbal skills	good	basic	basic	no	

SOCIAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> • advanced knowledge in the domain of the doctorate (the design of business systems); • mastering the methods and techniques of advanced research; • knowledge related to the management of research projects; • mastering the new procedures and solutions in research; • understanding and applying the principles and values of scientific research ethics in the domain of the doctorate. <ul style="list-style-type: none"> • communication skills, oral and written, in the field of scientific research; • use of information and communication technology; • management knowledge of human, material and financial resource- governance abilities; • knowledge of career management; • economic, technological and social entrepreneurship abilities and innovative attitudes.
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ORGANISATIONAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> - MEMBER OF THE STEERING BOARD OF THE AGENCY FOR HIGHER EDUCATION DEVELOPMENT AND QUALITY ASSURANCE, WWW.HEA.GOV.BA (2006-2008) - MEMBER OF THE STEERING BOARD AT THE TECHNOLOGY PARK INTERA MOSTAR (WWW.INTERA.BA) Member of Organizing and Scientific Board: International Congress TMT 1997-2013 (Trends in Development Machinery and Technologies), University of Zenica, University of Bahcesehir/Istanbul and Polytechnic University of Barcelona (Spain) - Member of Organizing and Scientific Board: International Congress
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	<p>Quality 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015, University of Zenica and University of Erlangen (Germany)</p> <ul style="list-style-type: none"> - Member of Organizing and Scientific Board: International Congress Business Systems Management 2004, University of Mostar and Technical University of Vienna (Austria) - Member of Organizing and Scientific Board: International Conference “Jahorina Business Days” 2012 and 2013, University of East Sarajevo and Innovation and Entrepreneurship Centre at the University of Zenica <p>Member of the International Review Board of the Science projects nominated by Government of Italy</p> <p>Member of the Evaluation Board nominated by ARACIS – Romania National Agency of Higher Education and Quality Assurance</p> <p>Member of Expert Board of CEENQA (Central and Eastern European Network of Quality Assurance), Dusseldorf, Germany</p>
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<p>TECHNICAL SKILLS AND COMPETENCES</p>	<ul style="list-style-type: none"> - The chief of project : The Scientific-Technology Park in Zenica-Doboj Canton, 2002 - The chief of project : The new industrial technologies in Zenica municipality, 2001, – Strategic plan - Project team member: Autonomous Production Cells, 1997/98, RWTH Aachen, Germany - Project team member : Measure of the Producibility, 1999, Polytechnic University of Turin, Italy - The chief of project : The Scientific-Technology Park in Montenegro, 2013, - Project team member : Strategy of the Development R&D in BIH, 2010-2015., Council of Ministries, BH - Project team member : Strategy of the Development R&D in FBiH in period 2011-2021; (Academy of Science and Arts of Bosnia and Herzegovina) - Project team member : Strategy of the RDI in SEE countries (World Bank, 2014) - Competent with most Microsoft computer programmes. - Competent with many computers programmes in the field of mechanical engineering and CNC programming. - Competent with using different measure devices for mechanical diagnostic as Bruel Kjaer, Schenk and PBS 380 vibroanalyzer, SPM analyzer, Bruel Kjaer phonometer, Laser alignment with Pruftechnik Optalign <p>Experts knowledge in the fields of: Technical Diagnostic, The Design of Production Systems, CIM technologies, Entrepreneurship</p>
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<p>ARTISTIC SKILLS AND COMPETENCES</p>	<p>Visiting art galleries, theaters and museums all round the world (e.g. I have visited London National gallery; Louvre Museum in Paris; Museum Picasso, Museum Dalli, Museum Joan Miro and Antoni Tapi in Barcelona; Gallery Uffizzi in Florence; Museum Saint Pietro de Viecholi in Milan; Sixten Capelle and Vatican in Rome; German Modern Gallery in Bonn; Rembrandt Museum in Amsterdam; Ermitraz Museum and National Gallery in Sank Petersburg; Borodin Museum in Moscow; National Gallery and Cartagena in Tunisia; Acropolis in Athens; Aja Sofia, Domabahce, Ataturk Mausoleum in Istanbul and Ankara, Technical Museum in Munich, Barcelona and Istanbul; Musem World War I in Kobarid; etc.), Opera La Scala in Miland, Liceu in Barcelona,</p>
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	Boljsoj Theatre in Moscow, Aeronautic Museum of Washington etc.
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OTHER SKILLS AND COMPETENCES	Enjoy all sports particularly football, basketball and skiing. Love to travel and make the acquaintance different countries, nationalities and cultures.
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DRIVING LICENCE(S)	Yes, (Class B)
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<p>ADDITIONAL INFORMATION</p>	<p>BOOKS AND PUBLICATIONS</p> <p>" THE MODERN METHODS OF TECHNICAL DIAGNOSIS - PROCEDEENGs", FACULTY OF MECHANICAL ENGINEERING, 1995</p> <p>"ANNUAL OF FACULTY OF MECHANICAL ENGINEERING", ZENICA, 1999, 2000, 2001, 2002 AND 2003</p> <p>"ANNUAL OF FACULTY OF THE UNIVERSITY OF ZENICA", 2004-2012.</p> <p>"TECHNOLOGY PARKS-MORE THAN PLACE FOR TECHNOLOGY TRANSFER AND SME DEVELOPMENT", UNIVERSITY OF SARAJEVO, 2004.</p> <p>"QUALITY ASSURANCE IN HIGHER EDUCATION – CHALLENGES AND MISUNDERSTANDING" , UNIVERSITY OF ZENICA, 2008.</p> <p>"VIBRATION TECHNICAL DIAGNOSTIC – NEW METHOD FOR VIBRATION LEARNING" –UNIVERSITY OF ZENICA AND UNIVERSITY OF MOSTAR, 2010.</p> <p>"ENTREPRENEURSHIP- USER GUIDE" – UNIVERSITY OF ZENICA, 2010.</p> <p>" GENERAL CONCEPT OF MAINTENANCE" – UNIVERSITY OF ZENICA, 2011.</p> <p>"RCM CONCEPT OF MAINTENANCE" - UNIVERSITY OF ZENICA, 2012.</p> <p>"UNIVERSITY RANKING – NEW APPROACH TO QA – UNIVERSITY OF EAST SARAJEVO, WORK IN PROGRESS, 2013.</p> <p>"TECHNICAL DIAGNOSTICS – UNIVERSITY OF ZENICA, WORK IN PROGRESS, 2013.</p> <p>PROJECTS, ARTICLES, EXPERTISE'S</p> <p>More than 500 articles, expertise's and projects presented at the national and international conferences or finished for companies.</p> <p>THE MOST IMPORTANT FACTORY VISITS:</p> <p>JUGOALAT – NOVI SAD, SERBIA, 986.</p> <p>AUTOKOLA NHKG – Nova Hutt, Czech Republic 1990.</p> <p>GILDEMEISTER – Bielefeld, Germany, 1996.</p> <p>HELLA – Lipstadt, Germany, 1996.</p> <p>FORD – Keln, Germany, 1996.</p> <p>THYSSEN – Duisburg, Germany, 1997.</p> <p>SAINT GOBAN – Herzongart, Germany, 1997.</p> <p>VOLKSWAGEN – Hanover and Wolfsburg, Germany 1997.</p> <p>PROCTER&GAMBLE – Colonge, Germany, 1997.</p> <p>DROEGER – Lubeck, Germany 1997.</p> <p>LUFTHANSA, Hamburg, Germany, 1997.</p> <p>BLOHM, Hamburg, Germany, 1996.</p> <p>FIAT – Mirafiori, Torino, Italy 1998/99.</p> <p>IVECO, Torino, Italy, 1999.</p> <p>Renault-Revoz, Novo Mesto, Slovenia 1989/1999.</p> <p>SEAT, Martarol, Spain, 1998/2000.</p> <p>NISSAN –Iberica, Spain, 2000.</p> <p>SINTERMETAL, Ripoll, Spain, 2000.</p> <p>AUDI - Ingolstadt, Germany 2000.</p> <p>SIEMENS - Erlangen, Germany , 2000.</p> <p>AMES, Barcelona Spain, , 2002</p> <p>Technology Park Valles, Spain, 2002.</p> <p>ZF/Comesa, Barcelona, Spain, 2003.</p> <p>PEGASO-IVECO, Zona Franca, Barcelona, Spain, 2003.</p> <p>TUVASAS, Railyway engine factory, Turkey, 2004.</p> <p>ASAS, Aluminium industry, Adapazar, Turkey, 2004.</p> <p>LVD Gulegem, Belgium, 2007.</p> <p>Mercedes, Istanbul, Turkey, 2009</p> <p>Science Technology Park, Valles, Spain, 2011</p> <p>Science Technology Park, Girona, Spain, 2012.</p> <p>Science Technology Park, Lleda, Spain, 2012.</p> <p>Naučno-tehnološki park Čikago, SAD, 2014 (studijski boravak)</p> <p>Tehnološki park, Ljeda, Španija, 2012 (projekt)</p> <p>Tehnološki park Univerziteta Paderborn, Njemačka, 2011 (projekat)</p> <p>Poslovna zona Esen i Udruženje poslovnih anđela Njemačke, Esen, 2011 (pro</p>
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	<p>Study visits of the most famous universities:</p> <p>University of Ostrava, 1988/90, Czech Republic, (master research) Rhenisch Technical University of Aachen, RWTH Aachen, 1997/98 (PhD reaserch) Politecnico di Torino, Italy, 1998/99/2008/2010. (PhD research) Universidad Politecnica de Catalynia Barcelona, Spian, 1999, (PhD reaserch) Lomonosov Univerzitet – Moskva, Rusija, 1987. i 2011. (study visit) University Fridrich-Aleksander Erlangen-Nuremberg, Germany, 2000. (study visit) Technical University Munchen-Garching, 2000. (study visit) University of Oslo, Norway, 2003. (study visit) University of Bahcesehir, Istanbul, Turkey, 2004. (summer school) University of Sakarya, Turkey 2004 (study visit) University College of Porgsrunn, Norway, 2002 (study visit) Ka-Ho Saint Lieven University, Ghent, 2005-2015 Belgium (projects) Philips University of Marburg, Germany, 2005-2007 (projects) University of Primorska Kopar, Slovenia 2008/10, (projects) University of Ljubljana, Slovenia, 2008-2010 (projects) University College of Cork, Ireland, 2007/2009/2011 (projects) University of Girona., Spain, 2007/2009/2012 (projects) University of Vienna, Austria, 2013 (projects) University of Ghent, Belgium, 2005/2010 (projects) University of Maribor, Slovenia, 2012 (projects) University of Porto, Portugal 2008/2012 (projects) University of Applied Sciencies Gelsenkirchen, Germany, 2011 (study visit) Poliytechnic University of Porto, Portugal, 2012 (projects) University of Villnus, Litvania, 2012 (conferences) University of Yerevan, Yermenia, 2012 (conferences) University of La Sappienza, Roma 1, Roma , Italia, 2011 (study visit) University of Palermo, Italy, 2012/2014 (projects) University of Paderborn, Germany, 2007/2014 (projects) University of Vigo, Spain, 2014 (projects) Penn University of Philadelphia, USA, 2014 (study visits) University of Salamanca, Spian, 2012 (conferences) University Drexler, Philadelphia, USA, 2014 (study visit) State University of Illinois, Chichago, USA, 2014 (study visit) University of George Washington, USA, 2014 (study visit) University of Heidelberg, Germany, 2012/14 (projects) Polytechnic University of Tirana, Albania, 2013 (project) Technical University of Graz, Austria, 2004/2010/14 (projects) Yildiz Technical University, Istanbul, 2014. (projects) University of Presov, Slovakia, 2015 (projects) Polytechnic University of Bucharest, Romania., 2015 (study visit) Technical University of Civil Engineering, Bucharest, Romania, 2015 (accreditation)</p>
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<p>ANNEXES</p>	<p>[LIST any attached annexes.] Articles and projects</p>
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