



## PERSONAL INFORMATION

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Nationality	Macedonian
Date of birth	08.03.1966
Gender	MALE

## WORK EXPERIENCE

- Dates (from – to) 2008- 2012  
2012- 2016
- Name and address of employer **University St Cyril and Methodius in Skopje, Faculty of Mechanical Engineering,**  
P.O.Box 464  
1000 Skopje, Republic of Macedonia
- Type of business or sector Higher education
- Occupation or position held **Dean of the Faculty of Mechanical Engineering**

- Dates (from – to) 2008- presence
- Name and address of employer **Board of Governors, JRC – Joint Research Center, EU Commission**
- Type of business or sector **Consultancy to the Director General**
- Occupation or position held **Member of the Board of Governors, presenting the Ministry of Education and Science of the Republic of Macedonia ;**
- Main activities and responsibilities  
The JRC Board of Governors assists and advises the Director-General and the Commission on matters relating to the strategic role of the JRC and its scientific, technical and financial management. Individual Board members have also an important role in representing the interests of the JRC in their respective Member States and FP7 Associated Countries. The Board establishes its own rules of procedure, which are reviewed periodically. The Board consists of high-level representatives from the EU Member States and FP7 Associated Countries. The Commission upon designation of the country's authorities nominates them. Every three years, the Board Members elect the Board's Chairperson, Deputy Chairperson and its Delegate to the High Level User Group (the group of representatives from the customer Directorate-General providing input to the elaboration of the JRC work programme).

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer</li> </ul>	<p>2007- presence</p> <p><b>UNIDO- United Nation Industry Development Program, NCPCC - Macedonia, National Cleaner Production Center , Macedonia</b></p> <p><b>Director of the NCPCC</b></p>
<ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul>	<p>Implementation of the cleaner production in Macedonian companies</p> <ul style="list-style-type: none"> <li>• Director of the NCPCC Macedonia; National coordinator &amp; expert for cleaner production</li> <li>• Member of the Advisory Board</li> <li>• Member of the UN RECP net Board</li> </ul>
<ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul>	<p>Under the coordination of the UNIDO project manager and in close cooperation with the international expert, the national CP expert will provide technical assistance implementation of Resource Efficiency and Cleaner Production in Macedonia</p> <p>Development of regional Postgraduate study program under the umbrella of UNIDO</p> <p>Work with small and medium enterprises in the region in the process of implementation of resource efficient and cleaner production technologies as well as low carbon technologies for improvement of the competitiveness of the SME's</p> <p>International expertise for the region of Western Balkan countries and Central Asia and Caucasus countries within the RECPNet.</p>

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>	<p>December 2005 – presence</p>
<ul style="list-style-type: none"> <li>• Name and address of employer</li> <li>• Type of business or sector</li> </ul>	<p><b>Macedonian – American Alumni Association - NGO</b>  <b>Association of Fulbright Alumni, Ron Brown, Humphrey, JFDP, IVLP, YES and other programs sponsored by the US Government in cooperation with US Embassy in Skopje, Macedonia</b></p>
<ul style="list-style-type: none"> <li>• Occupation or position held</li> </ul>	<p><b>President</b></p>
<p>Projects:</p>	<ul style="list-style-type: none"> <li>- Regional Conference for Scientific and Technological Innovation for Greater Economic Revitalization ( S-TIGER)</li> <li>- Internship program for students</li> <li>- Networking of MAAA offices</li> <li>- FAST – Fulbright Academy for Science and Technology</li> <li>- American Corners in Bitola, Stip, Struga</li> <li>- Service Learning for people with disabilities</li> <li>- Mapping mountain bike trails in Macedonia</li> </ul>

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer</li> </ul>	<p>2005- 2008</p> <p>CIRKO – Centre for Research, Development and Continuing Education , Skopje, Macedonia;  P.O.Box 464  1000 Skopje, Republic of Macedonia</p>
<ul style="list-style-type: none"> <li>• Type of business or sector</li> </ul>	<p>Advanced Mechanical engineering services for SMEs, 3D modeling, simulation, visualization, workshops, seminars</p>
<ul style="list-style-type: none"> <li>• Occupation or position held</li> </ul>	<p><b>General Manager</b></p>
<ul style="list-style-type: none"> <li>• Main activities and responsibilities</li> </ul>	<p>e-BIZ Centre - USAID project for, established as joint venture between Faculty of Mechanical Engineering and e-BIZ office for use of advanced engineering systems and Information technology for the improvement of the Macedonian tool and die development shops skills and their position on the global market as well as development of the concurrent engineering in Macedonia</p> <p>The Executive Manager for the Center. Responsibility includes all daily operations in the Center, managing the business, harmonizing different activities, keeping</p>

track of other similar actions in this field, liaising with e-BIZ, supervising the preparation of the financial reports and material expenses, as well as the preparation of the narrative monthly and quarterly reports.

The Executive Manager acts on the behalf of company to assure that the product that gets created reduces cost, increases productivity, or in some other way adds value.

The Executive Manager is part (80%) time employee at the MES CE. Current activities at the Faculty take up to 20% of each work week.

## TEACHING EXPERIENCE

• Dates (from – to)	<b>1991- presence</b>
• Name and address of employer	Faculty of Mechanical Engineering, Skopje, Macedonia; P.O.Box 464 1000 Skopje, Republic of Macedonia
• Type of business or sector	High education
• Occupation or position held	<b>Full time Professor</b>
• Main activities and responsibilities	<ul style="list-style-type: none"><li>▪ Teaching different courses:<ul style="list-style-type: none"><li>▪ Introduction to the technology of composite materials,</li><li>▪ Metal forming processes,</li><li>▪ Theory of Plasticity,</li><li>▪ Machines and Manufacturing processes;</li><li>▪ 3D engineering</li><li>▪ Rapid prototyping, rapid tooling</li><li>▪ Supply chain management</li><li>▪ Management of technology innovation</li><li>▪ Computer Aided Engineering</li><li>▪ Computer Aided injection molding processes</li></ul></li><li>▪ Chief of the Laboratory for Metal forming Processes Jan 1996 - Oct 2000, and September 2004-2008</li><li>▪ Provided consulting services, including strategic plans for development of new tools and products produced by using metal forming process; rapid prototyping, rapid tooling</li><li>▪ Participation in more than 250 technical projects for private companies (project for technical development; project for tool design and machines; preparation of business and strategic plans for new products);</li></ul>

• Dates (from – to)	2012-2016
• Name and address of employer	University of Donja Podgorica, Podgorica, Montenegro
• Type of business or sector	Higher education
• Occupation or position held	<b>Visiting professor</b>
• Main activities and responsibilities	Teaching courses : Management of technology innovation, Technology of rapid prototyping; Technology of composite materials

• Dates (from – to)	2017 - Presence
• Name and address of employer	<b>University of Iberoamericana Puebla, Mexico</b>
• Type of business or sector	Higher education
• Occupation or position held	<b>Visiting professor</b>
• Main activities and responsibilities	Teaching courses : Mechanics of materials, Engineering materials science, Sustainable development

• Dates (from – to)	2007 - 2012
• Name and address of employer	Faculty for Mechatronics; Tetovo State University, Republic of Macedonia

- Type of business or sector                    High education
- Occupation or position held                **Professor (visiting professor)**
- Main activities and responsibilities
  - Teaching
  - 3D engineering
  - System engineering

**Date:** January – September 2004  
**Location:** **Seattle, USA**  
**Company:** **University of Washington, Department of Mechanical Engineering**  
**Type of business or sector** Postdoctoral research  
**Position:** Research assistant for the Project “New carbon fiber composite development for designing chasis for terrenian roller blades, supported by USA State Department  
**Description:**

**Invited professor;** courses: Finite Element Analysis; Mechanics

**Date:** Dec 2002 - May 2003  
**Location:** **University of Applied Sciences – Wildau, Germany**  
**Company:**

- IQN – Technology of New Materials, Wildau, Germany;  
(International Quality Network)

**Position:** **Visiting professor for the course:**  
**Description:**

- Technology of composite materials

**Date:** September '95 - August '96  
**Location:** **Seattle, USA**  
**Company:** **University of Washington, Department of Mechanical Engineering**  
**Type of business or sector** **Education, PhD research**  
**Position:** Research assistant for the Project “High temperature composites” supported by USA Navy Research Office.  
**Description:** **Teaching Assistant;** courses: Mechanics of Materials; Finite Element Analysis

### **CONSULTANCY work**

• Dates (from – to)                            2012-present  
 • Name and address of employer                                    EU Commission, **DG Strategic Committee**  
 • Type of business or sector                    **Consultancy, Research and Development program of the EU**  
 • Occupation or position held                Presenting the Republic of Macedonia  
 • Main activities and responsibilities       Strategic planning of the research and development in the EU and associate countries, project evaluations

• Dates (from – to)                            2012 - present  
 • Name and address of employer                                    EU Commission, **ERA – European Research Area**  
 • Type of business or sector                    **Consultancy, Research and Development program of the EU**  
 • Occupation or position held                Strategic planning for the research area of the EU member and associate countries.  
 • Main activities and responsibilities

• Dates (from – to)                            2012- July 2013  
 • Name and address of employer                                    **Macedonian National Committee for scientific and technological development, Macedonian Ministry of Education and Science**  
 • Type of business or sector                    **President of the National Council for Science and Research**  
 • Occupation or position held                President of the Board  
 • Main activities and responsibilities
 

- Review of projects and recommendations

• Dates (from – to)                            2006- 2012

- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

**Macedonian National Committee for scientific and technological development, Macedonian Ministry of Education and Science**  
**National Coordinator for technical projects**  
 Consultant & member of commission

- Review of projects and recommendations

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

2005- 2010  
**National Committee for Accreditation of the high education in Macedonia**  
 Accreditation of high education institutions and Universities in Macedonia  
 Consultant & member of commission

- Review of projects and recommendations

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held

April - 2007 – 2013  
**EDC – Educational development center under the USAID BiH** ( development of e-BIZ centers in BiH), Boston, USA  
 Consultancy  
 Consultant for development e-BIZ Center of Excellence for the machine tool industry and CAD/CAM in wood industry in BiH

- Develop an initial list of information needed to assess the opportunities for using CAD/CAM and other ICT applications in the tool-and-die sector. Determine whether the information provided by the project in response to the list is adequate to develop the deliverables; if not, identify the additional information required.
- Determine whether and how CAD/CAM and other ICT applications can quickly and significantly improve the competitiveness of the Tool & Die sector in BiH, and could become core offerings of a self-sustainable for-profit e-BIZ Enterprise.
- Develop a business case for CAD/CAM applications, along with any other high impact technologies (defined as ICT applications that can quickly and significantly improve the competitiveness of the industry), to serve as the core offerings of an e-BIZ Enterprise. The business case will include the specific inputs required for the e-BIZ enterprise to be successful, the market rationale, and a revenue model, i.e., the major factors that determine the business model for the high impact ICT provider to become a self-sustainable business

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held

July 2006 – July 2007  
**TDI – Irish Consultants Agency for Foreign Direct Investment** in the Republic of Macedonia  
 Consultancy  
 Local expert for knowledge; study for the industry sector – automotive industry and machine tool & die industry

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held

April - 2007 – presence  
**ICL Grupa, USA**  
 Consultancy  
 Consultant for development supply chain management for machine tool industry in Republic of Macedonia

- Date:
- Location:
- Company:
- Type of business or sector
- Position:
- Description:

2004- April 2005  
 Macedonian National Observatory  
 VET , Vocational Educational Training in Republic of Macedonia, ETF-EU  
 Consultancy, expertise  
 Expert, consultant

- Annual report

- Date:
- Location:

July, 2000 - October, 2001  
 Head Office, Zagreb, Croatia

Company: **U.S. Trade and Development Agency (USTDA)**  
 Type of business or sector: **Business development, Consultancy**  
 Position: Consultant for Definitional Mission for Balkan Gas Project  
 Description:
 

- Assessing viable projects to receive TDA grant funding, and preparation of projects for feasibility studies, training grants, orientation visits and other technical assistance in support of future U.S. exports.

Dates: 1999 - 2003  
 Location: Skopje, Macedonia  
 Company: Energosistem, Consulting company  
 • Type of business or sector: Consultancy, engineering  
 Position: Consultant  
 Description:
 

- Logistic support for the settling of the PHARE project "Investment options in the Energy Sector in R.Macedonia" . Leader is Greek Company EXERGIA and Consortium (CESEN, CSFTA) , sponsored by EU. Local partner Energosistem - Skopje as temporary Project office.
- Assisted in preparation of information; project proposals and documentations,
- Translating English/Macedonian

Date: 2000-2004  
 Location: Skopje  
 Company: MUNICIPALITY "Kisela Voda" - Skopje  
 Type of business or sector: Counsellor  
 Position: Member of the Municipality Council for local community " Kisela Voda"

Date: 2000-2005  
 Location: Skopje  
 Company: JUDG ( preschool) Buba Mara - Skopje  
 Type of business or sector: Advisory and Executive Board,  
 Position: President

Date: 1992 - 2000  
 Location: Stenhausen Strasse 74, CH 6300 Zug, Switzerland  
 Company: ALOKA Holding Europe A.G.  
 Type of business or sector: Medical equipment, Consultancy  
 Position: part-time employee as service consultant  
 Description:
 

- Assessing the market for needs of Medical equipment
- Planning and organization
- Service and training courses for new users
- Translating English/Macedonian.

• Dates (from – to) Sep 1990 - Nov. 1991  
 Location: Skopje, Macedonia  
 Company: High school "Nikola Tesla" , Electro-Mechanical School Center  
 • Type of business or sector: education  
 Position: Teacher  
 Description: Courses:
 

- Organization and economics in metal industry;
- Machine's Design
- Manufacturing for Engineers
- Manufacturing Engineering and Technology
- Static's
- Technology for professional experience - metal cutting - Theory and Practice
- Preparation of courses core curriculum

## INTERNATIONAL WORK EXPERIENCE

Date: May-September 1989  
 Location: Lisbon, Portugal  
 Company: Petrocemica e GAS de Portugal  
 Position: Business analyst  
 Description:
 

- Internship program through IAESTE

Date: June – September 1990  
 Location: University of Airspace, Delft Holland  
 Company: Department for materials  
 Position: Researcher  
 Description:
 

- Internship program IAESTE

## EDUCATION AND TRAINING

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> | <p>September 2007 - October 2007<br/>         University of Vienna, Executive Management school for business<br/>         Vienna, Austria</p> <p>Composite materials, plastic deformation, numerical simulations</p> <p>Management for Small and medium businesses</p>  |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> | <p>1997 - may 2002<br/>         University "St. Kiril and Metodij"; Skopje, Macedonia</p> <p>Composite materials, plastic deformation, numerical simulations</p> <p>Ph.D.<br/> <u>Thesis:</u> "Theoretical and Experimental investigation of composite materials and their implementation in metal forming tool design"</p>   |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> | <p>September '95 - August '96,<br/>         University of Washington, Department of Mechanical Engineering, Seattle, USA.<br/>         Ph.D. studies</p> <p>Composite materials, plastic deformation, numerical simulations</p> <p>Ph.D. studies<br/> <u>Project</u> "High temperature composites" supported by USA Navy Research Office;</p>   |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> | <p>November, 1992 - October, 1994<br/>         University "St. Kiril and Metodij"; Skopje, Macedonia</p> <p>plastic deformation, numerical simulations</p> <p>M.Sc. in Mechanical Engineering<br/> <u>Thesis:</u> "Analysis of the stress-strain condition in the process of fine-blanking by using Finite Element Method"</p>  |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> </ul> | <p>October, 1985 - June, 1990<br/>         University "St. Kiril and Metodij"; Skopje, Macedonia</p> <p>plastic deformation, numerical simulations</p> <p>B.Sc. in Mechanical Engineering<br/> <u>Thesis:</u> "Automatic design of the technology and construction of the forging tools"<br/>         Student of the Generation 1985-1990, Award from the Rector of the University "St. Kiril and Metodij" - Skopje</p> |

## TRAINING programs



- Dates (from – to) December 2007
  - Name and type of organization providing education and training United Nation, UNIDO Wien, Austria
  - Principal subjects/occupational skills covered REAP, Social Corporate Responsibility
  - Title of qualification awarded Managing SCR projects
- Japanese International Cooperation Agency JICA, Sapporo, JAPAN
- Institution: Japanese International Cooperation Agency JICA, Sapporo, JAPAN  
Date: May 2005- July 2005  
Description: Management training courses for Production Management for South East European Countries  
Small Business Management; TQM
- 
- Date: November 11- 18, 2005  
Institution: TECOS Celje, Slovenia  
Company: TECOS Slovenian Tool and Die Development Centre)  
Description: Improvement of the Marketing Skills for Macedonian Machine Tool Shops  
Collaboration between TECOS and CIRKO MES CE for the improvement of the marketing skills of the Macedonian tool and die development shops and use of advanced engineering systems for concurrent engineering
- 
- Date: February 19 - March 4, 2006  
Location: TECOS Celje, Slovenia  
Company: TECOS Slovenian Tool and Die Development Centre)  
Reverse Engineering technologies  
Description: Collaboration between TECOS and CIRKO MES CE for the development of the new business in Macedonia; reverse engineering as a service offered to different customers as are: dentist, arts, mechanical engineering
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- Date: May - June 2003  
Location: University of Applied Sciences – Wildau, Germany  
Company:
  - IQN – Technology of New Materials, Wildau, Germany; (International Quality Network)
Position: Participant for the preparation of the International Quality Network  
Description: Attended different courses for establishing international quality network for collaboration among students from South Eastern Europe
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- Institution: Centre for International Management, Skopje, Macedonia  
Date: October, 1999 - November, 1999  
Description: Management training courses for Planning, Leaderships and Organisation as main Management functions
- Institution: Ecotron Intl. Service, Swiss  
Date: June - July 1998  
Description: Ecotron Intl. Service training on Aloka Ultrasound Products, Ecotron for Aloka, Aloka Holding Europe A.G., Zug, Switzerland
- 
- Institution: Faculty for Aeronautics, Delft, Holland  
Date: July-August '90  
Description: Research assistant for the Project “Recent Development in Shell Stability Analysis”.
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- Institution: Institute Petrocemica e Gas de Portugal - Lisbon, Portugal  
Date: June- September'89  
Description: planning, organization and cost estimation, project: "New aspects of Portugal's Petrocemica development"
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#### SOCIAL SKILLS

- Membership of professional bodies:



ORGANIZATIONAL SKILLS  
AND COMPETENCES

- Member of the MSME (Macedonian Society of Mechanical Engineering); since February 1995
- Member of ASME (American Society of Mechanical Engineering); since March 1997
- Member of the Council of the Municipality “ Kisela Voda”, Skopje, 2000-2004
- Member of the Managerial Board of JUDG “Buba Mara”- Skopje 2000-2004
- President of the Managerial board of JUDG Buba Mara – Skopje, 2004-present
- President of MAAA (Macedonian American Alumni Association) since November 2005
- Member of the directing committee of the Municipality of Skopje for cultural and scientifically achievements award “ 13 Noemvri” – Skopje
- Member of SPICE - Science Park and Innovation Center Experts Group
- Member of the National Board for Accreditation of the high education in Macedonia, since September 2006-2010
- Member of the Macedonian Scientific Committee
- Member of the national committee for Innovation and entrepreneurship
- President of the Macedonian Council for Science and research

TECHNICAL SKILLS  
AND COMPETENCES  
*With computers, specific kinds of equipment, machinery, etc.*

Word; excel, IT, Internet, application software's, MS office, CAD/CAM/CAE , ALGOR, LUSAS-FEA, ABAQUS, SolidWorks, 3D modelling; reverse engineering technologies; SUN Micro system equipment; project management

OTHER SKILLS  
AND COMPETENCES  
*Competences not mentioned above.*

- Managerial skills
- professional experience as a Teacher and Teaching assistant,
- knowledge for study and courses organisation and curriculum development
- training program in different countries in Europe and USA,
- participation in International Projects
- preparation of project proposals, reports and final reports
- courses for Management, planning, organising
- Knowledge of IT literacy, etc.

LANGUAGES

	Speaking	Writing	Reading
English	5	5	5
Serbian, Croatian, Bosnian ...	5	5	5
Greek	3	3	3
Bulgarian	4	3	4
Russian	4	4	4

**Awards and Scholarships:**

- Student of the generation “University “St. Kiril and Metodij” – Skopje, Faculty of Mechanical Engineering (1985-1990)
- First place for the student competition for Mechanical Engineering in Former Yugoslavia (1988, 1989)
- IAESTE exchange program for students for improvement of the technical experience (Portugal 1989, Netherlands 1990)
- Scholarship for PhD studies at University of Washington, Seattle, USA, 1995
- DAAD scholarship (Germany, 2003)
- Fulbright scholarship (USA, 2004)
- JICA (Japanese International Cooperation Agency) scholarship (Japan, 2005)
- TEMPUS IMG (Individual Mobility Grant, EU Commission, August-September 2005)
- Training program sponsored by USAID through World Learning program (Slovenia November 2005 -2008)
- Participant at the German Rector Conference (Kotor, Montenegro, September 2006, 2008, 2010, 2012 for the academia-industry relation development)
- UNIDO expert seminars for experts in RECP – Resource efficiency and Cleaner Production Technologies
- UNIDO expert seminars for Low Carbon Technologies