

## Innovation Fund of Montenegro

### PROOF OF INNOVATIVE CONCEPT PROGRAM for MSMEs(PoC)

#### BIOGRAPHY TEMPLATE

##### project team member

**1. Name and surname**

Radovan Stojanović

**2. Education (enter the year of enrolment and completion of each degree in reverse chronological order)**

a. Degree, faculty/department, area, year

- **PhD**, University of Patras (Πανεπιστήμιο Πατρών), Greece, Faculty for Electrical Engineering and Computer Technologies, 2001.
- **Mr. El. Ing.**, Faculty for Electrical Engineering, University of Montenegro, 1994,
- **Dipl. El. Ing.**, Faculty for Electrical Engineering, University of Montenegro, 1991

**3. Work experience (in reverse chronological order)**

- **Full professor**, University of Montenegro, Faculty of Electrical Engineering, 2013-
- Cofounder of MECOnet d.o.o. 2018-
- Associate professor, University of Montenegro, Faculty of Electrical Engineering, 2008-2013
- Assistant professor, University of Montenegro, Faculty of Electrical Engineering, 2002-2008
- President of Montenegrin Association of New Technologies - MANT, 2012-
- Cofounder and President of Montenegrin Association of New Technologies - MANT, 2012-
- Research leader, Industrial Systems Institute, Patras, Greece, 2001-2003
- Research associate, University of Patras, Greece, 1998-2001
- Lecturer and Research Assistant, University of Montenegro, 1994.
- Engineer, HW-SW designer, Electro Mechanical Engineering, Montenegro, 1991-1995
- Assistant, University of Montenegro, 1991

**4. Professional, scientific, academic experience and achievements**

a. Projects in which you participate or have participated

- IPA-ADRION00107- ARtificial intelligence platform to prevent Climate change natural hazArds – ARCA, 2024-

- Horizon H2020, Self-sustained customized cyberphysical system experiments for capacity building among European stakeholders (SMART4ALL), Smart Anything low energy computing Everywhere DT-ICT-01-2019, partner coordinator
- ERASMUS+, Partnership for Promotion and Popularization of Electrical Mobility through Transformation and Modernization of WB HEIs Study Programs (PELMOB), partner coordinator.
- ERASMUS+, VITALISING ICT RELEVANCE IN AGRICULTURAL LEARNING, 609755-EPP-1-2019-1-BA-EPPKA2-CBHE-JP, 2019, partner coordinator.
- ERASMUS+, REFORMING DOCTORAL STUDIES IN MONTEENGRIO AND ALBANIA, 598465-EPP-1-2018-1-ME-EPPKA2-CBHE-SP, overall project coordinator.
- ERASMUS+, Electrical Energy Markets and Engineering Education ELEMEND 585681-EPP-1-2017-1-EL-EPPKA2-CBHE-JP Grant Agreement Number 2017-2896/001-001, MANT Coordinator
- MNE World Bank, REDOS, Reforming doctoral studies at the University of Montenegro, MNE World Bank Project, Coordinator
- MNE World Bank HERIC , TELEMONT - EKG, ETF coordinator
- TeleCare.me, By technology to better health, Montenegrin Ministry of Economics,
- TEMPUS, Modernizing and harmonizing maritime education in Montenegro and Albania - MarED, Partner Coordinator.
- TEMPUS, Studies in Bioengineering and Medical Informatics, Coordinator of Montenegrin Team.
- NATO Sfp, Geographical Information Processing for Environmental Pollution-Related Security within Urban Scale Environments, GEPSUS, 2011-2014, Sfp 983510, Partner Country Director (PPD).
- BILATERAL, Development and implementation of techniques to reduce consumption in programming languages for hardware design, Scientific and Technological Cooperation between Montenegro and BiH for 2012/2013, Head of the Montenegrin Team.
- FP7, APOSTILLE, Reinforcement of Research Potentials of the Faculty of Technical Sciences in the Field of Post Silicon Electronics, Ref: 256615, Coordinator of WBC partner (Montenegro).
- BILATERAL, Development of simulation models of pollutant dispersion and processes of crisis mitigation, Coordinator of Montenegrin Team. 2010-2011. Bilateral project between Montenegro and Slovenia
- TEMPUS, Introduction of new study programme in applied electronics, Project Coordinator, 2005-2008.
- SEE-ERA.NET FP6, Continuous water quality monitoring by ICT in surface waters at Montenegro and Serbia, Coordinator of Montenegrin Team. (05-1/10-1749), 2008.
- NATO ARW, Geographical Information Processing and Visual Analytics for Environmental Security, Partner country coo-director, 2008.
- BILATERAL, Greece Montenegro, Development of wireless telemetry station for air and water quality monitoring, , (05-1/7-1361), Bilateral research and technology programme 2006-2008, project coordinator
- BILATERAL, Research and Implementation of Wireless Sensors for the Acquisition of Critical Biosignals, , Greece-Montenegro, project coordinator, (05-1/7-1358), 2007-2008.

- FP7, BalkanGEONet, Balkan GEO Network – Towards Inclusion of Balkan Countries into Global Earth Observation Initiatives), 2010-2013.
- WBC-INCO.NET, FP7 project, member of Montenegrin team, 2007-2011. World University Center Austria (WUS), CDP+212/2004, koordinator, 2005, Awarded as THE BEST CDP COURSE FOR 2004-2005.
- TEMPUS C008Z04, CREATION OF MONTENEGRO TEAM OF BOLOGNA PROMOTERS, team member.
- Energy Efficiency Program in Montenegro, BMZ ID 2004 65 906, Research Consultant, CA- No.: 2007
- Development and implementation of embedded systems for medical applications. Ministry of Science of Montenegro.
- Now concept in development of Wearable Health Care (WHC) systems. Ministry of Science of Montenegro.
- Development of microelectronics systems for telemetry. Ministry of Science of Montenegro. "TeleCG- A PILOT TELEMEDICINE NETWORK OF MONTENEGRO". Ministry of Health of Montenegro.

b. Scientific/professional awards received so far (if applicable)

- The best “Smart Anything Everywhere” paper , Radovan Stojanovic, Jovan Djurković, Slaviša Mijušković, Budimir Lutovac and Andej Škraba, SYNTROFOS: A Wearable Device for Vital Sign Monitoring, Hardware and Signal Processing Aspects, MECO&CPSIoT2023.
- The Best Paper in Energy and Automotive, Maysoun Elhusseiny, Yousef Elsayed, Sarah Khafagy, Ziad Zaher, Ramez Daoud, Gehad Alkady, Hassanein Amer and Radovan Stojanovic for the paper “Fault-Tolerant Energy Harvesting System for Prolonging Pacemaker Lifetime”, MECO&CPSIoT2023.

c. Memberships in scientific and professional associations (if applicable)

- Member of IEEE (Institute of Electrical and Electronics Engineers),
- Member EuroMicro
- Member HiPEAC,
- Member of Technical Sciences Board, Montenegrin Academy for Science and Art CANU
- Member of IFMBE (International Federation for Medical and Biological Engineering) societies.
- Member of Montenegrin Association for New Technologies, MANT
- Fellow of IIAS (The International Institute for Advanced Studies in Systems Research and Cybernetics).

d. Entrepreneurial successes, innovation activities, granted patents

- Innovator from 1980.
- Winner (medals) at the Exhibition of Technical Creativity of Young People, former Yugoslavia.
- Designer of numerous innovative products from 1984.

- Founder of the Center for Applied Electronics, University of Montenegro, 2003,
- Founder of the Center for Biomedical Engineering (BioEMIS), Montenegro, 2014
- Founder of NATO Disaster Simulation Centers (GEPUS), Montenegro, 2014
- Founder of the Medical Electronics Laboratory (MEDEL), Montenegro, 2016
- Founder and first director of the first International PhD Programme in Sustainable Development, Montenegro-Albania, 2023
- Creator of several new courses, programs and teaching modules in the field of advanced electronics and ICT.
- Expert of EACEA (Executive Agency for Education, Audiovisual Policy and Culture)
- Expert of EURAMET (European Association of Measurement Institutes) and several government institutions in Europe and the Western Balkans
- Creator of the course technological entrepreneurship at Montenegro
- Patent: P-2024/0269 (22) 01.03.2024. Computer implemented procedure for interactive notification of shelves in markets based on the internet, RS, MLADENOVIĆ, Vladimir, STOJANOVIĆ, Radovan, MILOŠEVIĆ, Danijela

e. Professional training and stay at international institutions (if applicable)

- TEMPUS Individual Mobility Grant, 1992
- Greek National Scholarship, IKY, University of Patras, 1997-2001
- Slovak National Scholarship, Slovak Technical University, Slovakia, 2015
- JoinSEE Penta Erasmus Scholarship, University of Maribor, Slovenia, 2015

f. Other professional achievements (if applicable)

- Full Professor at University of Montenegro
- Member of the Board of Montenegrin Academy of Science for Natural and Technical Sciences.
- Member of Think Thank Team of Ministry of Science of Montenegro
- Represent of Montenegro in H2020-ICT Committee.
- Member of the Academic Senate of University of Montenegro (former).
- Member of the Board of the Doctoral Studies of University of Montenegro.
- Director of the International PhD Studies Sustainable Development, Montenegro and Albania
- EUROMICRO Member of the Board of the Directors
- Member of HERE team of Ministry of Education of Montenegro
- President of the Montenegrin Association of New Technologies (MANT).
- EU expert for TEMPUS, FP7, Horizon 2020 and European Metrology Research Programmes.
- Handling editor of the journal Microprocessors and Microsystems, EMBEDDED HARDWARE DESIGN, Elsevier, ISSN: 0141-9331
- Expert of Slovakian Fond for Research and Development
- Expert of Macedonian Fund for Innovations and Technology Development

- Fellow of IIAS (The International Institute for Advanced Studies in Systems Research and Cybernetics).
- Establisher and Chairman of the Mediterranean Conference on Embedded Systems (MECO), [www.mecoconference.me](http://www.mecoconference.me), 2012-
- Establisher and Co-Chairmen of EUROMICRO/IEEE Workshop on Embedded and Cyber-Physical Systems, (ECYPS 2013, 2014, 2015, 2016, 2017, 2018)
- Establisher and Chairmen of International Conference on Cyber Physical Systems and Internet-of-Things (CPS&IoT), 2019-
- Establisher and Chairmen of Summer School on Cyber Physical Systems and Internet of Things (SSCPS&IoT), 2020-
- Chairman of Summer School on Telemedical care: facilitators and barriers in the West Balkan region, 2022.
- Member of the Editorial Board of the journal Regional Science Inquiry, The Journal of the Hellenic Association of Regional Scientists, PAPAZISS Publisher, ISSN: 1791-5961, Greece. [www.rsijournal.eu](http://www.rsijournal.eu)
- Member of the Editorial Board, International Journal of Circuits and Architecture Design, ISSN: 2051-7025 (Print), ISSN: 2051-7033 (Online), [www.inderscience.com/ijcad](http://www.inderscience.com/ijcad)
- Member of editorial board of the scientific journal Economic Review (EKONOMICKÉ ROZHLADY). Economics University Bratislava.
- Member of the Editorial Board of the journal Recent Advances in Photonics and Optics, SCHOLARLY PAGES, <http://scholarlypages.org/editorial-borad.php?jid=photonics-and-optics>
- Chair: Advanced Systems in Healthcare, Wellness and Personal Assistance (ASHWPA), Special Session, DSD2018-
- CoChair of 16th Annual Mediterranean Ad Hoc Networking Workshop, 2017, <http://www.medhocnet.org/commitee.html>
- Invited speaker at 3rd IBSM-International Conference on Business, Management and Accounting, Bratislava, Slovakia, 10-12 September 2014. pp. 1-3.
- Invited speaker at 5th International Conference on Engineering & Telecommunication - En&T 2018, Moscow, November 15-16, 2018.
- Invited speaker at conference: NEW TRENDS AND BEST PRACTICES IN SOCIOECONOMIC RESEARCH, 26-28 APRIL 2018, Igalo, Herceg Novi, Montenegro
- Member of Programme Committee, PESW 2020, The 8th Prague Embedded Systems Workshop
- Member of Programme Committee, HI-BI-BI 2019, International Symposium on Network Enabled Health Informatics, Biomedicine and Bioinformatics
- Member of Programme Committee, CCSIE 2011, First Global Conference on Communication, Science & Information Engineering
- Member of Programme Committee, ICT Innovations 2016, 8th ICT Innovations Conference
- Member of Programme Committee, VikingPLoP'15, Travelling Pattern Conference VikingPLoP 2015
- Member of Programme Committee, BIBE-2014, IEEE 14th International Conference on BioInformatics and BioEngineering
- Member of Programme Committee, Women in IT 2014, 1st International Conference Women in IT

- Member of Programme Committee, DC&KE 2014, 1st International Conference on Data Collection and Knowledge Extraction
- Member of Programme Committee, DCCSIT 2014, Doctoral Conference on Computer Science and Information Technologies
- Member of the Scientific Committee of International Conference, Radioelektronika, 2017, 2018
- Member of the Programme Committee of International Conference Applied Electronics 2014, 2015, 2016, 2017, Pilsen, Czech Republic
- Member of the Program Committee Conference on Organizational Sciences Development, Portoroz, Slovenia, 2014,2015, 2016,2017, 2018, 2019,2020.
- Member of the Organizing Committee of the WMMA 2017 - The Sixth International Workshop on Mathematical Models and their Applications, Krasnoyarsk, the Russian Federation, November 13-15, 2017
- Member of the Program Committee CMBEBIH 2017, 2019 Programska linija za realizaciju edukativnih programa u S3 oblastima 6
- Member of the Programme Committee International Symposium on Network Enabled Health Informatics, Biomedicine and Bioinformatics (HI-BI-BI 2016)
- Member of the Organizing Committee of the The 1st Workshop on Emerging eHealth through Internet of Things, OCTOBER 18–19, 2016 | VÄSTERÅS, SWEDEN
- Member of Programme Committee of the 15th IEEE International Conference on Bioinformatics & Bioengineering (BIBE'2015), Belgrade, Serbia, Nov, 2015
- Member of Programme Committee, VikingPLOP 2015, Ribaristska Resort, Bulgaria, May, 2015.
- Member of Programme Committee, The 1th Conference of Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH 2015), Sarajevo, from 13th to 15th March 2015.
- Member of the Programme Committee EDAMBA 2014, November 2014, Bratislava, Slovakia.
- Member of the Programme Committee of the International Conference on eBusiness, eCommerce, eLearning and EGovernance, IC5E2014, University of Greenwich, London, UK, July 2014
- Member of the ICT Forum 2014, Nis, Serbia
- Member of Program Committee, The 14th IEEE International Conference on BioInformatics and BioEngineering (BIBE-2014) Nov. 10-12, Boca Raton, Florida, USA.
- Member of Program Committee, IEEE 13th International Conference on BioInformatics and BioEngineering, November 2013 , Chania, Greece
- Member of the Program Committee, IEEE Conference on Applied Electronics, 2012, 2013, 2014, 2015, 2016,2017, 2018, Plzen, Czech Republic
- Member of the Organizing Committee, 32th, 31th and 30th Annual International Conference on Organizational Science Development, Portoroz, Slovenia
- Member of the Program Committee, IEEE 12th International Conference on BioInformatics and BioEngineering, November, 2012, Larnaca, Cyprus, <http://bibe2012.cs.ucy.ac.cy/committees.html>

- Member of the International Technical Committee, 7th International Workshop on Biological effects of Electromagnetic fields (7thIWSBEEMF), Malta, 8-12 October 2012.
- Member of the Organizing Committee, Advances in Intelligent Systems and Computing, published by Springer, ISBN 978-3-642 37168-4,
- Member of the Organizing Committee, 6th and 7th International Seminar on MATHEMATICAL MODELS & MODELING IN LASER PLASMA PROCESSES, Budva, Montenegro, 2009, 2010.
- Member of the Scientific Committee, The 15th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Bari, 2009.
- Member of Technical Programme Committee of 1st Global Conference on Communication, Science & Information Engineering CCSIE 2011, London, UK, 2011.
- Chairmen of the Session - Measurement in Biomedicine II, Measurement 2011 Conference 27th -30th April 2011, Smolenice, Slovakia
- Chairman of the Session, 12th Mediterranean Conference on Medical and Biological Engineering and Computing, Thessaloniki, Greece, 2010
- Member of the Scientific Committee, 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, September 24 to 27, 2011, Ioannina - Greece.
- Vice chairmen, Reviewers coordinator, 6th International Conference on MATHEMATICAL METHODS & COMPUTATIONAL TECHNIQUES IN ELECTRICAL ENGINEERING, Vouliagmeni, Athens, Greece, December 29-31, 2004.
- Special session chairman, Applied signal and image processing and case studies, 5th International Conference on SIGNAL, SPEECH and IMAGE PROCESSING (SSIP'05), Corfu, August 17-19, 2005, Corfu Island, Greece.
- Session chairman: Section Electronics, ETRAN 2006, Sava Center, Belgrade.
- Session chairman: "Analog and digital electronics systems", IEEE-IEE Conference, Applied Electronics September, 2006, Pilsen, Czech Republic, <http://appel.zcu.cz/index.php> 70. Session chairman: "Teaching electronics at universities", IEEE-IEE Conference, Applied Electronics September, 2007, Pilsen, Czech Republic, <http://appel.zcu.cz/index.php>
- Coordinator of academic cooperation between University of Patras and University of Montenegro.
- Chairman of WSEAS Serbian and Montenegrin (S&M) Chapter for Applied Electronics and Signal Processing



28.09.2024 in Podgorica

(date)

(place)

\_\_\_\_\_  
(signature of project team member)