

LIČNE INFORMACIJE



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Pol Muški | Datum rođenja 30/08/1982 | Nacionalnost Crnogorska

RADNO ISKUSTVO

- 2016 – **Vanredni profesor**
Univerzitet Mediteran, Fakultet za Informacione Tehnologije, Vaka Đurovića bb 81000 Podgorica.
- 2010-2016 **Docent**
Univerzitet Mediteran, Fakultet za Informacione Tehnologije, Vaka Đurovića bb 81000 Podgorica.
- 2006-2010 **Asistent u nastavi**
Elektrotehnički fakultet, Univerzitet Crne Gore, Studije primijenjenog računarstva, Džordža Vašingtona bb. 81000 Podgorica.
- 2006-2010 **Asistent u istraživanju**
Elektrotehnički fakultet, Univerzitet Crne Gore, Džordža Vašingtona bb. 81000 Podgorica.

OBRAZOVANJE

13. 05. 2010 **Zvanje doktora nauka u elektrotehnici**
Elektrotehnički fakultet, Univerzitet Crne Gore
4. 11. 2006 **Zvanje magistra u elektrotehnici**
Elektrotehnički fakultet, Univerzitet Crne Gore
18. 06. 2005 **Zvanje diplomiranog inženjera elektrotehnike**
Elektrotehnički fakultet, Univerzitet Crne Gore
- 13.09.2004 **Zvanje bečelora elektrotehnike (ekvivalent diplome po Bolonjskom sistemu)**
Elektrotehnički fakultet, Univerzitet Crne Gore

LIČNE VJEŠTINE

Maternji jezik Crnogorski

Drugi jezici

	RAZUMIJEVANJE		KONVERZACIJA		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produktivnost	
Engleski	C1	C1	C1	C1	C1
Francuski	B1	B1	A2	A2	A2

Italijanski

Replace with name of language certificate. Enter level if known.

A2

A2

A2

A2

A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Komunikacijske vještine

- Odlične vještine komunikacije stečene dugogodišnjim iskustvom kao predavač (asistent I profesor) kroz komunikaciju sa studentima i kao rukovodilac tima ili član tima u brojnim međunarodnim razvojnim, istraživačkim i implementacionim projektima.

Organizazione / menadžerske vještine

- rukovođenje (projektim timovima do 10 ljudi)
- menadžment (međunarodni projekti)

Digitalne vještine

SAMO-EVALUACIJA

Procesiranje informacija	Komunikacija	Kreiranje sadržaja	Bezbjednost	Rješavanje problema
Napredni korisnik	Napredni korisnik	Napredni korisnik	Napredni korisnik	Napredni korisnik

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

- Dizajn baza podataka (PHP & MySQL implementacija)
- Web dizajn
- C# osnove & XAML osnove
- Dizajn informacionih sistema
- Altera Quartus dizajn mikrokontrolera
- Matlab
- Oracle baze podataka osnove
- Napredni korisnik Office paketa (word processor, spread sheet, presentation software)
- Napredni korisnik softvera za obradu slike.
- Multimedijalni sistemi, dizajn i implementacija.
- Bezbjednost informacionih sistema i računarskih mreža.
- Bezbjednost softvera (alati za penetraciju i testiranje sigurnosti softvera i informacionih sistema)

Druge vještine

- Alternativni izvori energije – razvoj i istraživanje
- Razvoj Interneta stvari (Internet of Things)
- Član Smart City pokreta – razvoj paradigme održivog zelenog života upotrebom smart tehnologija i ekoloških načina življenja.
- Razvoj i implementacija optimalnih adaptivnih algoritama za smanjenje potrošnje energije i smanjenje emisije CO2 u svakodnevnom životu po pitanjima hrane, transporta i energije.
- Obrada signal
- Vremenski-promjenljivo filtriranje signal
- Dizajniranje sistema na čipu
- Dizajniranje real-time sistema na čipu za obradu signala i dizajniranje adaptivnih čipova.
- Svira rok gitaru,
- Aktivan u sportu i borilačkim vještinama samoodbrane.

Vozačka dozvola

B kategorija

Publikacije

Vodeći međunarodni časopisi:

- [1]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović, "Superior execution time design of optimal (Wiener) time-frequency filter," *IEEE Electronics Letters*, vol. 52, no.17, June 2016
- [2]. V. N. Ivanović, Nevena Radović, **Srdjan Jovanovski**, "Real-time design of a space/spatial-frequency optimal filter," *Electronics Letters* (ISSN:0013-5194), Volume 46, Issue 25, Dec. 2010, Page(s) 1696-1697.
- [3]. **Srdjan Jovanovski**, V. N. Ivanović: "Signal adaptive pipelined hardware design of timevarying optimal filter for highly nonstationary FM signals," *Springer Verlag Journal of Signal Processing Systems*, Volume 62, Issue 3 (2011), pp.287–300.
- [4]. V. N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive system for space/spatial–frequency analysis," *EURASIP Journal on Advances in Signal Processing*, vol.2009, pp.1-15.
- [5]. V. N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive method for improved space/spatial–frequency representation," *Electronics Letters*, vol.45, no.19, Sept.2009, pp.1003–1005.
- [6]. V. N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive system for time–frequency analysis," *Electronics Letters*, vol.44, no.21, Oct.2008, pp.1279–1280

Međunarodne monografije:

- [7]. V. N. Ivanović, Radovan Stojanović, **Srdjan Jovanovski**: "Hardware implementation of a multidimensional signal analysis system", in *Advances in Numerical Methods* (Nikos Mastorakis, John Sakellaris, eds.), *Lecture Notes Electrical Engineering*, Springer Verlag, 2009, pp.335-346.

Međunarodni časopisi:

- [8]. V. N. Ivanović, **Srdjan Jovanovski**: "Pipelined Signal Adaptive Architecture of a TimeFrequency Wiener Filter for Highly Nonstationary FM Signals Estimation", *ETF Journal of Electrical Engineering*, Vol. 20, No. 1, September 2014, pp 115-125. ISSN 0353-5207
- [9]. V. N. Ivanović, **Srdjan Jovanovski**: "An efficient nonstationary Wiener filter hardware implementation", *International Journal of Circuits, Systems and Signal Procesing*, Iss.3, vol.1, 2007, pp.244-250.

Međunarodne konferencije:

- [10]. V. N. Ivanović, N. Radović, and **Srdjan Jovanovski**, "Completely pipelined implementation of optimal time-frequency filter for highly nonstationary FM signals estimation," *IEEE EUROCON 2017*, Ohrid, Macedonia, July 06–08, 2017, pp. 217-221.
- [11]. V. N. Ivanović, N. Radović, and **Srdjan Jovanovski**, "Superior execution time hardware implementation of Wiener time-frequency filter," *IEEE Mediterranean Conference on Embedded Computing (MECO 2017)*, Bar, Montenegro, June 11–15, 2017, pp. 100-103.
- [12]. V. N. Ivanović, Nevena R. Brnović, **Srdjan Jovanovski**: "Design of Pipelined Signal Adaptive Architectures for Processing and Filtering of 2D Signals s", *MECO 2016*, Budva, Montenegro, June, 2016.
- [13]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović: "Pipelined Design of an Instantaneous Frequency Estimation Based Time-Frequency Optimal Filter", *23rd EUSIPCO*, Nice, France, August 31 – September 4 2015
- [14]. V. N. Ivanović, Nevena Radović, **Srdjan Jovanovski**, Zdravko Uskoković: "Local Frequency Estimation-based Space/Spatial-Frequency Optimal Filter Developed in the RTL Design Methodology versus the Corresponding GPU-based Implementations", *MECO 2015*, Budva, Montenegro, June, 2015.
- [15]. V. N. Ivanović, Nevena Radović, **Srdjan Jovanovski**, Zdravko Uskoković: "Possibility of the Pipelining Technique Application in a Space/Spatial-Frequency Filter Implementation Based on the Local Frequency Estimation", *XXXV IEEE International Scientific Conference on Electronics and Nanotechnology (ELNANO 2015)*, Kyiv, Ukraine, Apr. 2015.
- [16]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović, Zdravko Uskoković: "Signal Adaptive Hardware Implementation of a Smart System for Time-Frequency Signal Analysis", *MECO 2014*, Budva, Montenegro, June 15–19, 2014.
- [17]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović: "Pipelined Design of a System for Highly Nonstationary FM Signals Estimation", *XXXIV IEEE International Scientific Conference on Electronics and Nanotechnology (ELNANO 2014)*, Kyiv, Ukraine, Apr.15–18, 2014.
- [18]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović, Zdravko Uskoković: "Real-time implementation of the optimal two-dimensional filter for highly nonstationary frequencymodulated signal estimation", *XXXIII IEEE International Scientific Conference on Electronics and Nanotechnology (ELNANO 2013)*, Kyiv, Ukraine, Apr.16–19, 2013.
- [19]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović, "A Pipelined Time-Frequency Filter Implementation", *MECO 2013*, Budva, Montenegro, June 15–20, 2013, pp.136-139.
- [20]. V. N. Ivanović, **Srdjan Jovanovski**: "Signal Adaptive Hardware Design of a System for Highly Nonstationary FM Signal Estimation" *19th EUSIPCO*, Barcelona, Spain, August 30 – September 2 2011.
- [21]. V. N. Ivanović, Nevena Radović, **Srdjan Jovanovski**: "Real-Time Design of a Space/Spatial-Frequency Optimal Filter for Highly Nonstationary Two-Dimensional Signal Estimation", *IEEE Int. Conf. on Acoustic, Speech, Sig. Processing (ICASSP 2011)*, Prague, Czech Republic, May 22–27, 2009, in print.
- [22]. V. N. Ivanović, **Srdjan Jovanovski**: "An Efficient Smart System for Time-Frequency Analysis Based on the Cross-Terms-Free Wigner Distribution Signal Representation", *15th IEEE Mediterranean Electrotechnical Conference (MELECON 2010)*, Valletta, Malta, April 26– 28, 2010.

- [23]. V. N. Ivanović, **Srdjan Jovanovski**: "An efficient smart system for improved space/spatial-frequency representation of nonstationary 2-D signals", 2010 European Signal Processing Conference (EUSIPCO 2010), Aalborg, Denmark, August 23–27, 2010, pp.527– 531.
- [24]. V. N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive method for improved space/spatial-frequency representation of nonstationary two-dimensional signals", 9th WSEAS International Conference on Signal Processing (SIP'10): Volume: SIGNAL2010, Catania, Sicily, Italy, May 29-31, 2010.
- [25]. **Srdjan Jovanovski**, V. N. Ivanović: "An efficient hardware design of an optimal nonstationary filtering system", IEEE Int. Conf. on Acoustic, Speech Sig. Processing (ICASSP 2009), Taipei, Taiwan, April 19–24, 2009, pp.569-572.
- [26]. **Srdjan Jovanovski**, V. N. Ivanović, Nevena Radović: "An efficient real-time method for time-varying filter region of support estimation", 13th IEEE SPS DSP Workshop & 5th SPE Workshop, Marco Island, Florida, USA, January 4–7, 2009, pp. 513–517.
- [27]. V. N. Ivanović, **Srdjan Jovanovski**: "An efficient hardware design of a system for highly nonstationary signals filtering", in Proceedings of the WSEAS Conference: Volume: SIGNAL2008, Hangzhou, China, Dec. 2008.
- [28]. V. N. Ivanović, Radovan Stojanović, **Srdjan Jovanovski**: "An FPGA design of the system for space/spatial-frequency signal analysis", in Proceedings of the WSEAS Conference: Volume: SIGNAL2007, Cairo, Egypt, Dec. 29-31, 2007.
- [29]. V. N. Ivanović, Radovan Stojanović, **Srdjan Jovanovski**, Ljubiša Stanković: "An architecture for real-time design of the system for multidimensional signal analysis", 14th EUSIPCO, Florence, Italy, Sept. 2006.

Regionalne konferencije:

- [30]. Blažo Popović, **Srdjan Jovanovski**: "Pregled 6lowpan standarda za povezivanje IOT", in Proceedings of the IT 2015 Conference, Žabljak, February 2015.
- [31]. V. N. Ivanović, Nevena Radović, **Srdjan Jovanovski**, Zdravko Uskoković: "An improved procedure for the local frequency estimation of highly nonstationary two-dimensional fm signals", in Proceedings of the IT 2015 Conference, Žabljak, February 2015.
- [32]. **Srdjan Jovanovski**, V. N. Ivanović: "Pipelined System for Highly Nonstationary FM Signals Estimation", in Proceedings of the IT 2014 Conference, Žabljak, February 2014.
- [33]. V. N. Ivanović, **Srdjan Jovanovski**, Zdravko Uskoković: "Pipelining Technique Application in the Time-Frequency Filter Implementation", 57th ETRAN Conference, Zlatibor, Serbia, June 3-6, 2013, pp. EK1.2.1-6
- [34]. **Srdjan Jovanovski**, V. N. Ivanović: "Optimalni filter za vremensko prostorno filtriranje visoko nestacionarnih dvodimenzionalnih signala", in Proceedings of the IT 2012 Conference, Žabljak, February 2012.
- [35]. **Srdjan Jovanovski**, V. N. Ivanović: "Signal adaptivni sistem za estimaciju visoko nestacionarnih FM signala izloženih uticaju aditivnog šuma", in Proceedings of the IT 2011 Conference, Žabljak, February 2011.
- [36]. V. N. Ivanović, **Srdjan Jovanovski**: "An Efficient Smart System for Improved Space/Spatial-Frequency Representation of Nonstationary 2-D Signals", 54th Symp. ETRAN, Donji Milanovac, June 7-11, 2010, in print.
- [37]. **Srdjan Jovanovski**, V. N. Ivanović: "An efficient signal adaptive hardware design of the cross-terms-free Wigner distribution", 53rd Symp. ETRAN, vol.1, Vrnjačka Banja, June 15-18, 2009, pp.EK1.5-1-4.
- [38]. **Srdjan Jovanovski**, V. N. Ivanović: "A flexible hardware design of a time-varying filtering system", 52nd Symp. ETRAN, vol.1, Palić, June 8-12, 2008, pp.EL5.5-1-4.
- [39]. V. N. Ivanović, **Srdjan Jovanovski**, Nevena Radović: "Prilog vremenski-promjenljivom filtriranju baziranom na TF analizi signala – metod za praktičnu implementaciju", 51th Symp. ETRAN, vol.1, Herceg-Novi, Jun 2007, pp.135-138.
- [40]. V. N. Ivanović, Radovan Stojanović, **Srdjan Jovanovski**: "Arhitektura za analizu multidimenzionalnih signala u realnom vremenu", in Proceedings of the IT2007 Conference, Žabljak, Jan.2007.
- [41]. **Srdjan Jovanovski**, V. N. Ivanović, Radovan Stojanović: "Sistem za računanje Smetoda na bazi STFT odbiraka", in Proceedings of the IT 2006 Conference, Žabljak, January 2006.

Projekti

- [42]. Enhanced government learning – (EAGLE) - FP7-ICT-2013-11, Small-scale collaborative project (STREP)
- [43]. Construction of monitoring station for lightning research on the mountain Lovćen - (LAMS) = Higher Education and Research for Innovation and Competitiveness Project –HERIC
- [44]. Harmonising open data in the mediterranean through better acces and reuse of public sector information – (HOMER) - European Union transnational cooperation programme MED
- [45]. Blending academic and entrepreneurial knowledge in techology enchaned learning – (BAEKTEL) - TEMPUS – JPGR
- [46]. Coordinator for Enhancement of cyber educational system of Montenegro (ECESM) 544088TEMPUS-1-2013-1-SI-TEMPUS-JPHES
- [47]. "Projektovanje Pipelineovanih Signal Adaptivnih Arhitektura za Obradu i Estimaciju Visoko Nestacionarnih Jednodimenzionalnih i Višedimenzionalnih Signala", Ministarstvo nauke Crne Gore, 2013
- [48]. Support and Inclusion of Students wits Disabilities at Higer Education Institutions in Montenegro (SINC@HE) 516758 - TEMPUS - 1 - 2011 - 1 - GR - TEMPUS – JPGR

- [49]. Enhancing the Quality of Distance Learning at Western Balkan Higher Education Institutions (DL@WEB) 511126-TEMPUS-1-2010-1-RS-TEMPUS-SMGR
- [50]. "Application of cloud computing and web services for developing new types of e-learning", Joint projects in science cooperation between Montenegro and BIH in 2012. and 2013.
- [51]. Special purpose hardware design for analysis of the highly nonstationary onedimensional and twodimensional signals and time-varying filtering", Ministry for Education and science of Montenegro, 2007.
- [52]. Introduction of a new Study Program in Applied Electronics (SPiAE) TEMPUS JEP_40017_2005 [8] Creation of Montenegro Team of Bologna Promoters PP_SCM-C008Z04-2004 (CS)

Patenti

- [53]. **Srdjan Jovanovski**, "Gravitational wind generator", Intellectual Property Office of Montenegro
- [54]. **Srdjan Jovanovski**, "Focused solar thermal power plant", Intellectual Property Office of Montenegro
- [55]. **Srdjan Jovanovski**, "Electromagnetic inertial drive", Intellectual Property Office of Montenegro
- [56]. **Srdjan Jovanovski**, "Hydro-generator powered with vortex water flow", Intellectual Property Office of Montenegro
- [57]. **Srdjan Jovanovski**, "Netted multilayer photovoltaic panel", Intellectual Property Office of Montenegro
- [58]. **Srdjan Jovanovski**, "Comb allocated photovoltaic collector", Intellectual Property Office of Montenegro
- [59]. **Srdjan Jovanovski**, "Earth atmosphere cooler", Intellectual Property Office of Montenegro
- [60]. **Srdjan Jovanovski**, "Automatic fixed solar panel cleaner ", Intellectual Property Office of Montenegro

Nagrade

Inovator godine 2012, godišnja nagrada Ministarstva Nauke Crne Gore

Članstva

Aktivni član Centra mladih istraživača Crnogorske akademije nauka i umjetnosti
Aktivni član Rotary kluba Bar.