

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Srdjan Jovanovski**
E-mail **srdjaj@t-com.me**
Gender **male**

Work experience

Dates **2016 -**
Occupation or position held **Associate Professor**
Name and address of employer **Mediterranean University, Faculty of Information Technology, Vaka Đurovića bb 81000 Podgorica.**

Dates **2010-2016**
Occupation or position held **Assistant Professor**
Name and address of employer **Mediterranean University, Faculty of Information Technology, Vaka Đurovića bb 81000 Podgorica.**

Dates **2006-2010**
Occupation or position held **Teaching Assistant**
Name and address of employer **University of Montenegro, Faculty of Electrical Engineering, Applied Computer Sciences studies, Džordža Vašingtona bb. 81000 Podgorica.**

Dates **2006-2010**
Occupation or position held **Research Assistant**
Name and address of employer **University of Montenegro, Faculty of Electrical Engineering, Applied Computer Sciences studies, Džordža Vašingtona bb. 81000 Podgorica.**

Education and training

Dates **13. 05. 2010**
Title of qualification awarded **PhD / doctorate degree in Electrical Engineering**
Name and type of organisation providing education and training **University of Montenegro, Department of Electrical Engineering.**

Dates **4. 11. 2006**
Title of qualification awarded **Master (MS) degree in Electrical Engineering**
Name and type of organisation providing education and training **University of Montenegro, Department of Electrical Engineering.**

Dates **18. 06. 2005**
Title of qualification awarded **Second degree in Electrical Engineering**
Name and type of organisation providing education and training **University of Montenegro, Department of Electrical Engineering.**

Dates **13.09.2004**
Title of qualification awarded **Bachelor of Science (BSC) in Electrical Engineering**
Name and type of organisation providing education and training **University of Montenegro, Department of Electrical Engineering.**

Personal skills and competences

Other language(s)

Self-assessment

European level (*)

English

French

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Team work: I have worked as a member of numerous projects.

Computer skills and competences

Advances skilled computer user.

Artistic skills and competences

Playing rock guitar

Other skills and competences

Active in sports and self defending martial arts.

Driving licence

B category (small vehicles)

Additional information

Active member of the Young Researchers Centre of Montenegrin Academy of Arts and Sciences

Academic Awards

Innovator of the year 2012, annual award of the Ministry of Science of Montenegro

Projects

- [1] Coordinator for Enhancement of cyber educational system of Montenegro (ECESM) 544088-TEMPUS-1-2013-1-SI-TEMPUS-JPHES
- [2] "Projektovanje Pipelineovanih Signal Adaptivnih Arhitektura za Obradu i Estimaciju Visoko Nestacionarnih Jednodimenzionalnih i Višedimenzionalnih Signala", Ministarstvo nauke Crne Gore, 2013
- [3] Support and Inclusion of Students with Disabilities at Higher Education Institutions in Montenegro (SINC@HE) 516758 - TEMPUS - 1 - 2011 - 1 - GR - TEMPUS - JPGR
- [4] Enhancing the Quality of Distance Learning at Western Balkan Higher Education Institutions (DL@WEB) 511126-TEMPUS-1-2010-1-RS-TEMPUS-SMGR
- [5] "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.*
- [6] "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.*
- [7] 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)

Bibliography

Leading international journals:

- [9] Veselin N. Ivanović, **Srdjan Jovanovski**, Nevena Radović, "Superior execution time design of optimal (Wiener) time-frequency filter," *Electronics Letters*, accepted for publication
- [10] Veselin 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.
- [11] **Srdjan Jovanovski**, Veselin N. Ivanović: "Signal adaptive pipelined hardware design of time-varying optimal filter for highly nonstationary FM signals," *Springer Verlag Journal of Signal Processing Systems*, accepted for publication.
- [12] Veselin N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive system for space/spatial–frequency analysis," *EURASIP Journal on Advances in Signal Processing*, vol.2009, pp.1-15.

- [13] Veselin N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive method for improved space/spatial–frequency representation," *Electronics Letters*, vol.45, no.19, Sept.2009, pp.1003–1005.
- [14] Veselin N. Ivanović, **Srdjan Jovanovski**: "Signal adaptive system for time–frequency analysis," *Electronics Letters*, vol.44, no.21, Oct.2008, pp.1279–1280.

International monographs:

- [15] Veselin 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.

International journals:

- [16] Veselin N. Ivanović, **Srdjan Jovanovski**: "Pipelined Signal Adaptive Architecture of a Time-Frequency 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
- [17] Veselin N. Ivanović, **Srdjan Jovanovski**: "An efficient nonstationary Wiener filter hardware implementation", *International Journal of Circuits, Systems and Signal Processing*, Iss.3, vol.1, 2007, pp.244-250.

- [18] Veselin 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.
- [19] Veselin 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
- [20] Veselin 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.
- [21] Veselin 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.
- [22] Veselin 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.
- [23] Veselin 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.
- [24] Veselin N. Ivanović, Srdjan Jovanovski, Nevena Radović, Zdravko Uskoković: "Real-time implementation of the optimal two-dimensional filter for highly nonstationary frequency-modulated signal estimation", XXXIII IEEE International Scientific Conference on Electronics and Nanotechnology (ELNANO 2013), Kyiv, Ukraine, Apr.16–19, 2013.
- [25] Veselin N. Ivanović, Srdjan Jovanovski, Nevena Radović, "A Pipelined Time-Frequency Filter Implementation", MECO 2013, Budva, Montenegro, June 15–20, 2013, pp.136-139.
- [26] Veselin 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.
- [27] Veselin 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.
- [28] Veselin 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, in print.
- [29] Veselin 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.
- [30] Veselin 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.

Regional conferences:

- [31] **Srdjan Jovanovski**, Veselin 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.
- [32] **Srdjan Jovanovski**, Veselin 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.
- [33] Veselin 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.
- [34] Veselin 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.
- [35] Veselin 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.
- [36] *Blažo Popović*, **Srdjan Jovanovski**: "Pregled 6lowpan standarda za povezivanje IOT", in *Proceedings of the IT 2015 Conference*, Žabljak, February 2015.
- [37] *Veselin 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.
- [38] **Srdjan Jovanovski**, Veselin N. Ivanović: "Pipelined System for Highly Nonstationary FM Signals Estimation", in *Proceedings of the IT 2014 Conference*, Žabljak, February 2014.
- [39] Veselin 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
- [40] **Srdjan Jovanovski**, Veselin N. Ivanović: "Optimalni filter za vremensko prostorno filtriranje visoko nestacionarnih dvodimenzionalnih signala", in *Proceedings of the IT 2012 Conference*, Žabljak, February 2012.
- [41] **Srdjan Jovanovski**, Veselin 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.

Patents

- [42] Veselin 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.
- [43] **Srdjan Jovanovski**, Veselin 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.
- [44] **Srdjan Jovanovski**, Veselin 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.
- [45] Veselin 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.
- [46] Veselin N. Ivanović, Radovan Stojanović, **Srdjan Jovanovski**: "Arhitektura za analizu multidimenzionih signala u realnom vremenu", in *Proceedings of the IT2007 Conference*, Žabljak, Jan.2007.
- [47] **Srdjan Jovanovski**, Veselin N. Ivanović, Radovan Stojanović: "Sistem za računanje S-metoda na bazi STFT odbiraka", in *Proceedings of the IT 2006 Conference*, Žabljak, January 2006.
- [48] **Srdan Jovanovski**, "Gravitacional windgenerator", Intellectual Property Office of Montenegro
- [49] **Srdan Jovanovski**, "Focused solar thermo power plant", Intellectual Property Office of Montenegro
- [50] **Srdan Jovanovski**, "Electromagnetic inertial drive", Intellectual Property Office of Montenegro
- [51] **Srdan Jovanovski**, "Hydrogenerator powered with wortex water flow", Intellectual Property Office of Montenegro
- [52] **Srdan Jovanovski**, "Netted multilayer photovoltaic panel", Intellectual Property Office of Montenegro
- [53] **Srdan Jovanovski**, "Comb allocated photovoltaic collector", Intellectual Property Office of Montenegro