



Europass Curriculum Vitae

Project acronym

REVLAB

Abbreviated name of the organization

UNSFTN

Personal information

First name(s) / Surname(s)

Evgenije ADŽIĆ

Address(es)

University of Novi Sad Faculty of Technical Sciences, Trg Dositeja Obradovica 6, 21000 Novi Sad, Serbia

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Nationality

Serbian

Date of birth

18.11.1981.

Gender

Male

Position / role In the project

Researcher

Work experience

Dates

2007-to date: Research and Teaching Assistant at the University of Novi Sad, Faculty of Technical Sciences

From 2006-2007: Research Assistant at the University of Novi Sad, Faculty of Technical Sciences

Occupation or position held

Research and Teaching Assistant in Electrical Engineering

Main activities and responsibilities

Teaching & Research

Name and address of employer

University of Novi Sad, Faculty of Technical Sciences, Trg Dositeja Obradovica 6, 21000 Novi Sad, Serbia

Type of business or sector

Academic

Education and training

Dates

2007. MSc in Electrical Engineering, University of Novi Sad Faculty of Technical Sciences

2005. BSc in Electrical Engineering, University of Novi Sad Faculty of Technical Sciences

Title of qualification awarded

National Vocational Qualification Level 7-II (Master of Electrical Engineering)

Principal subjects/occupational skills covered

Power electronics, Electrical drives and machines, Renewable energy systems, Control design

Name and type of organisation providing education and training

University of Novi Sad Faculty of Technical Sciences

Level in national or international classification

ISCED Level 5A

**Personal skills and competences**

Mother tongue(s)

Other language(s)

Self-assessment

European level (*)

English

Organisational skills and competences

Technical skills and competences

Computer skills and competences

Additional information**Serbian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(*) *Common European Framework of Reference for Languages*

Participated in 2 international scientific projects and more than 5 national projects. Took part in organisation of 2 conferences.

Expertise in control and analysis of electrical machines and drive systems; Expertise in control of power electronics converters in renewable energy systems; Expertise in microcontroller and DSP real-time control; Experience in education and knowledge transfer

Experienced in DSP programming tools; Experienced in computer simulation in Matlab/Simulink; well acquainted with the use of Microsoft Office tools (Word, Excel and PowerPoint).

Selected Publications:

1. Z. Ivanovic, **E. Adzic**, M. Vekic, S. Grabic, N. Celanovic, V. Katic, "HIL Evaluation of Power Flow Control Strategies for Energy Storage Connected to Smart Grid Under Unbalanced Conditions", *IEEE Transaction on Power Electronics*, USA, ISSN 0885-8993, (to be printed) [Online]. Available: 10.1109/TPEL.2012.2184772
2. D. Marcetic, **E. Adzic**, "Improved Three-Phase Current Reconstruction for Induction Motor Drives With DC-Link Shunt", *IEEE Transaction on Industrial Electronics*, USA, ISSN 0278-0046, vol. 57, Issue 7, pp. 2454-2462, July 2010.
3. V. Porobic, **E. Adzic**, D. Marcetic, "High Speed Shaft Sensorless DFOC Induction Motor Drive with Field Angle Correction," *International Review of Electrical Engineering / IREE*, ISSN 1827-6660, vol. 6, Issue 4, pp. 1664-1674, 2011.
4. **E. Adzic**, Z. Ivanovic, M. Adzic, V. Katic, "Optimum Fuzzy Logic Control of Induction Generator in Wind Turbine Application", *Acta Polytechnica Hungarica - Special Issue on Intelligent Systems and Informatics*, 2009, Vol. 6, No. 1, ISSN 1785-8860, pp. 131-149.
5. **E. Adzic**, D. Marcetic, V. Katic, M. Adzic, "Grid-connected Voltage Source Converter operation under distorted grid voltage", *14th International Power Electronic and Motion Control Conference - EPE-PEMC*, Ohrid, FYR Macedonia, 6-8 Sep., 2010, T11-44 - T11-51, ISBN 978-1-4244-7856-9.

Selected projects:

1. Cost Effective & Environmentally Friendly Energy Systems (Grant No. CD_JEP-18126-2003.), TEMPUS, financed by EU (2004.-2007)., project leader Prof. Dr. Vladimir Katic
2. Smart Electricity Distribution Grids Based on Distribution Management System and Distributed Generation (Grant No. III 42004), financed by the Ministry of Science and Technological Development of Republic of Serbia (2011-2015), project leader Prof. Dr. Dragan Popovic
3. The new energy management solutions in the wind energy converters (Grant No. TR17022), financed by Provincial Secretariat for Science and Technological Development, project leader Prof. Dr. Vladimir Katic

Signature