



Europass Curriculum Vitae

Project acronym

REVLAB

Abbreviated name of the organization

UNSFTN

Personal information

First name(s) / Surname(s)

Marko VEKIĆ

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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

04.11.1981.

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 2005-2007: 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, Renewable energy systems, Power Quality

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**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*

Organisational skills and competences

Participated in 2 international scientific projects and more than 5 national projects. Took part in organisation of 3 conferences.

Technical skills and competences

Expertise in computer simulation using Matlab/Simulink, expertise in renewable energy system, especially wind energy applications, experience in control of power electronics converters, especially in control of grid connected converters, active filters, experience in education and knowledge transfer

Computer skills and competences

Experience in Matlab/Simulink, Renewable Energy and Power Quality Control design, well acquainted with the use of Microsoft Office tools (Word, Excel and PowerPoint).

Additional information**Selected Publications:**

1. **M. Vekic**, S. Grabic, D. Majstorovic, I. Celanovic, Ni. Celanovic, V. Katic, "Ultra Low Latency HIL based Rapid Development of Complex Power Electronics Systems", IEEE Transaction on Power Electronics, USA, ISSN 0885-8993, (to be printed) [Online]. Available:10.1109/TPEL.2012.2190097
2. 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
3. **M. Vekic**, Z. Ivanovic, S. Grabic, V. Katic, "Control of Variable Speed Wind Turbine Under Grid Disturbances", *Electronics*, 2005., Vol. 9, No. 2, pp. 66- 69, ISSN 1450-5843.
4. Z. Ivanovic, **M. Vekic**, S. Grabic, E. Adzic, V. Katic, "A Wide Bandwidth Power Flow Control Algorithm of the Grid Connected VSI under Unbalanced Grid Voltages", *13th International Power Electronic and Motion Control Conference - EPE-PEMC*, Poznan, Poland: 1 - 3 Sep, 2008, pp. 1980-1985, ISBN 978-1-4244-1742-1.

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 (2011-2014), 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
4. Research and Development of Energy Efficient Systems and Power Plants for Electric Cars (Grant NO.) financed by Provincial Secretariat for Science and Technological Development (2011-2014), project leader Prof. Dr. Vladimir Katic

Signature