



Hungary-Serbia

IPA Cross-border Co-operation Programme



The Programme is co-financed by the European Union

## Europass Curriculum Vitae

### Project acronym

REVLAB

### Abbreviated name of the organization

UNSFTN

### Personal information

First name(s) / Surname(s)

Stevan GRABIĆ

Address(es)

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

Telephone(s)

+381214852556

Mobile: +381642391121

Fax(es)

+38121458133

E-mail

[grabics@uns.ac.rs](mailto:grabics@uns.ac.rs)

Nationality

Serbian

Date of birth

30.09.1972.

Gender

Male

### Position / role In the project

Researcher

### Work experience

Dates

1997-2011: Research and Teaching Assistant at the University of Novi Sad, Faculty of Technical Sciences

From 2011 to date: Assistant Professor at the University of Novi Sad, Faculty of Technical Sciences

Occupation or position held

Assistant Professor 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

2011. PhD in Electrical Engineering, University of Novi Sad, Faculty of Technical Sciences

2004. MSc in Electrical Engineering, University of Novi Sad, Faculty of Technical Sciences

1997. BSc in Electrical Engineering, University of Novi Sad, Faculty of Technical Sciences

Title of qualification awarded

National Vocational Qualification Level 8 (Doctor of Philosophy in Electrical Engineering)

Principal subjects/occupational skills covered

Power Electronics, Renewable energy systems, Electrical drives and machines

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 6

**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 3 international scientific projects and more than 10 national projects. Took part in organisation of 3 conferences.

Expertise in power electronics converters' topologies, simulation and control, expertise in renewable energy systems, experience in education and knowledge transfer.

Experience in Matlab/Simulink, well acquainted with the use of Microsoft Office tools (Word, Excel and PowerPoint).

**Selected Publications:**

1. **S.Grabic**, N. Celanovic, V.Katic: "Permanent Magnet Synchronous Generator Cascade for Wind Turbine Application", *IEEE Trans. Power Electronics*, Vol. 23, No. 3, pp. 1136-1142, May 2008.
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, **S. Grabic**, D. Majstorovic, I. Celanovic, N. Celanovic, V. Katic, "Ultra Low Latency HIL Platform for 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
4. **S. Grabić**, N. Čelanović, V. Katić: "Fixed Speed Wind Turbine Topology Based on Actively Damped PMSG", 14th International Power Electronics and Motion Control Conference - EPE-PEMC, Ohrid, Republic of Macadonia, 6. – 8. September 2010, ISBN: 978-1-4244-7854-5 / IEEE catalog no.: CFP1034A-DVD, S14-1 ÷ S14-8
5. M. Milosevic, G. Andersson, **S. Grabic**: "Decoupling Current and Maximum Power Point Control in Small Power Network with Photovoltaic Source", *Power Systems Conference and Exposition PSCE 2006*, October 29. - November 1., 2006, Atlanta, USA, No. 10.5, pp. 1005-1011
6. 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 (2011-2015), 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