

Curriculum Vitae

Ana Spasojevic

tel. 021 693 28 70

ana.spasojevic@epfl.ch

Formation

- 2008 **Ph.D.** at the Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. Thesis title "Structural Implications of Ultra-High Performance Fibre-Reinforced Concrete in Bridge Design"
- 2003-2008 Doctoral studies at the Ecole Polytechnique Fédérale de Lausanne, Doctoral programme "Structures"
- 2001 **Graduate civil engineer** at the Department of Structural Engineering, Faculty of Civil Engineering and Architecture, University of Niš, Serbia. Graduated in Concrete bridges (thesis: conception and design of a cable stayed footbridge), with grade 10 / 10, and with an average grade during studies 9.77 / 10
- 1995-2001 Graduate studies at the Department of Structural Engineering, Faculty of Civil Engineering and Architecture, University of Niš, Serbia
- 1995 Graduate secondary school, "Bora Stanković" Niš, group for Mathematics and Natural Sciences; "summa cum laude" award

Work Experience

- 2003-2008 Research and teaching assistant at the **EPFL**, Structural Concrete Laboratory, for courses: "Structures", "Concrete Structures", "Conception of Bridges", "Concrete Bridge Design"
- 2001-2003 Research and teaching assistant at the **Faculty of Civil Engineering and Architecture, University of Niš**, for courses: Structural Analysis, Structural Informatics
- 1998 Professional training (two months) at "Entidad Publica de Saneamiento de Aguas Residuales de la Comunidad Valenciana", Valencia, Spain

Publications

- 2008 Spasojevic A., *Structural Implications of Ultra-High Performance Fibre-Reinforced Concrete in Bridge Design*, doctoral thesis, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland, April 2008, 285 p.
- Spasojevic A., Redaelli D., Fernández Ruiz M., Muttoni A., *Influence of Tensile Properties of UHPFRC on Size Effect in Bending*, Second International Symposium on Ultra-High Performance Concrete, Kassel, Germany, 2008, pp. 303 - 310
- 2006 Spasojevic A., *Possibilities for Structural Improvements in the Design of Concrete Bridges*, Proceedings of the 6th Int. Ph.D. Symposium in Civil Engineering, Zurich 2006, Zurich, Suisse, 2006, pp. 146.
- 2004 Spasojević A. *Design of bridge over the Nisava river in Mediana Boulevard in Nis – first prize winning competition solution*, "Konkursno idejno resenje mosta preko reke Nišave na bulevaru Medijana u Nišu – prvonagrađjeni rad", Proceeding of the Symposium, Yugoslav Society of Civil Engineers (JDGK), September 2004, pp. 347-352
- Spasojević A. Spasojević-Surdilović M., *Vibration of footbridges as serviceability limit state*, "Vibracije kao relevantno grancino stanje upotrebljivosti pesackih mostova", Proceeding of the Symposium, Yugoslav Society of Civil Engineers (JDGK), September 2004, pp. 423-428
- 2003 Spasojević N., Djordje Dj., Spasojević A., *Vibration problems in design of footbridges*, "Aktuelna problematika vibracija pesackih mostova", Proceedings of 9th National and 3rd International Scientific Meeting: Planning, Design, Construction and Renewal in the Construction Industry, iNDiS 2003, Novi Sad, November 2003, pp. 467-474
- 2002 Spasojević A., Dj. Djordjević, *Some Relevant Aspects of Footbridge Vibrations*, Facta Universitatis, Series: Architecture and Civil Engineering, Vol.2, No.4, 2002, pp. 281-289

Awards and Scholarships

- 2003 First prize for design solution for a bridge over river Nišava in Niš. Project: Spasojevic N., Spasojevic A., Kalac A.
One-year fellowship for doctoral studies, doctoral programme "Structures", EPFL
- 2002 First prize for the best Diploma Work at the Workshop for Young Engineers of East Europe, organised by Deutscher Akademischer Austausch Dienst (DAAD)
Award for the best graduate from the Faculty of Civil Engineering and Architecture, University of Niš
- 2001 Charter and Scholarship from the Fund of Royal Court Karadjordjevic, for the University year 2001/2002, in the field of civil engineering
- 1999 Award for the highest results achieved during the academic year 1998/1999 at the Faculty of Civil Engineering and Architecture, University of Niš
- 1998 Award for the highest results achieved during the academic year 1997/1998 at the Faculty of Civil Engineering and Architecture, University of Niš

Participation in projects

- 2004 Expertise: Bridge "Bois homogène", on T9, CH, done at the EPFL
- 2003 Conception et pre-design of two bridges on river Nišava in Niš, Serbia: first prize winning solution
- 2002 Analysis and design of two concrete road bridges (over Backa River and on L-3, Serbia), done at the Institute for Civil Engineering and Architecture, Faculty of Civil Engineering and Architecture, Niš, Serbia
- 2000 Static and dynamic analysis of cable-stayed footbridge over river Nišava in Niš
- 1999 Analysis and design of concrete road bridge, on M-9, Serbia

Languages

Serbian: mother tongue
English, French: fluent, oral, written
Italian: basic knowledge

Personal data

Date of birth 13.08.1976, Serbian nationality