

## PERSONAL INFORMATION PhD Emilija Petković



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🌐 [State personal website\(s\)](#)

Sex Female  
Date of birth 09.01.1975.  
Nationality SRB

POSITION  
REFERRED JOB

Associate Professor at the Faculty of Sport and Physical Education, University of Niš  
Department of Artistic gymnastics

## DOCTORAL THESIS

**“The optimization of the technique of circular movement backwards on the Uneven bars by means of kinematic modeling”**

## MASTER'S THESIS

**“Relations between situational motor coordination and competitive gymnasts results”**

## WORK EXPERIENCE

2001. - Start working as a assistant at Faculty of Sport and Physical Edycation in Niš at department of Artistic and Rhythmics gymnastics  
2010. – 2015. Assistent Professor at Artistic gymnastic and Gymnastics for all at Faculty of Since 2015,Sport and Physical Edycation in Niš  
Associate Professor at Faculty of Sport and Physical Edycation in Niš, Čarnojevića 10a, 18000 Niš, Serbia

- Beachelor Programm,
- Master Programm (Serbian and English course)
- Trainer skill Programm in Artistic gymnastic.

## EDUCATION AND TRAINING

2004-2012 Gymnastic club “Gymfit” Nis – Age group development  
2005-2016 Gymnastic club “Soko Nis1897” – Gymnastics for all  
1995-2004 Gymnastic club “Nis – Top level gymnastics  
2015- till now

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Russian	A2	A2	A2	A2	A2

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
INDEPENDENT USER	INDEPENDENT SER	INDEPENDENT SER	INDEPENDENT USER	INDEPENDENT SER

▪ good command of office suite (word processor, spread sheet, presentation software)

Driving licence  
Job-related skills

**B kat.**

- Coach in Woman's Artistic Gymnastics
- National judge in WAG
- General Secretary of the Gymnastics Association of Southeast Serbia
- Member of the Board of Directors Association coaches and ski instructors of Serbia

## Projects

1. [Reasearcher on the BIOMGYM](#) - Biomechanical characteristics of movements in sports gymnastics, Gymnastics Federation of Slovenia, Project Manager E. Kolar (SLO);
2. [Reasearcher on the National project: Biomechanical efficiancy of Elite Serbian athletes](#), OI 179019, 2011-2014. Project Manager Ratko Stanković.
3. [Reasearcher on the „Gymfit- school“](#) – The importance of basic sports facilities artistics gymnastics on the development of motor skills of preschool children, approved by the Sports Association of the City of Nis, 20- 1677 from 17. 12. 2010, Project Manager D. Petković.
4. [Project Manager of Regional project](#) - Anthropometric and motor skills for children and gymnasts at the age 8-15 years, approved by the Association of Youth and Sport of the city of Nis from 2015.-2016.

## Conferences paper

1. **Petković, E., Veličković, S., Petković, R. & Aćimović, I. (2009).** Effects of programmed practice on transformation motor ability among young female children. In: Živanović, N. (Ed.): Book of proceedings V European Congress FIEP and II Serbian Congress of pedagogues of physical education, (pp. 150-155/ 101-106). Niš: Fakultet sporta i fizičkog vaspitanja.
2. **Aleksić-Veljković, A., Petković, E., Herodek, K., Stanković, M. & Paunović, M. (2013).** The relationship between the static balance and the success on the balance beam in young gymnasts. In: Pantelić, S. (Ed.): Book of proceedings XVI Scientific Conference „FIS Communication 2013. in physical education, sport and recreation and I International Scientific Conference, (pp. 27-33). Niš: FSFV.

## Publications

1. Petković, D., Veličković, S. & Petković, E. (2007). *Gymfit school*, practicum for students of physical education. Niš: Fakultet sporta i fizičkog vaspitanja.
2. **Petković, E. (2007).** Code of Points in Womens Artistic Gymnastics with comments. Niš: SIA.
3. Veličković, S., **Petković, E.** & Ilić, S. (2008). *Artistic gymnastics II– The methodically approach*. Niš: Faculty of Sport and Physical Education in Nis - Center for Multidisciplinary Research.
4. Petković, D., Veličković, S., **Petković, E.**, Ilić, Hadži - S. & Mekić, H. (2010). *Artistic gymnastics I– The theoretical approach*. Niš: Faculty of Sport and Physical Education in Nis - Center for Multidisciplinary Research.
5. **Petković, E. (2011).** *Gymnastics for all*. Niš: Faculty of Sport and Physical Education in Nis
6. Petković, D. & **Petković, E. (2012).** *The methodology of scientific research in sport and physical education*. Niš: Faculty of sport and Physical Education in Nis
7. **Petković, E. at All (2016).** *A study on anthropological status and biomechanical efficiency of the elite Serbian athletes*. In Bubanj, S. Ed. University of Nis, Faculty of Sport and Physical Education

## Scientific researches:

1. **Petković, E. (2004).** The relations of situational-motor coordination to the competitive success of female gymnasts. *Facta Universitatis, Series: Physical Education and Sport*, 2 (1), 25 – 33
2. Saša Bubanj, Ratko Stanković, Borislav Obradović, Edvard Kolar, Jakob Bednarik, Radoslav Bubanj, **Emilija Petković**, Aleksandar Dimić, & Boris Đinđić (2009). BODY MASS INDEX AS A PREDICTOR OF IMPORTANT DECREASE OF BONE MINERAL DENSITY. *Kinesiologia Slovenica*, Vol. 15, No. 3, (29-39).

3. Veličković, S., Kola, E., Kugovnik, O., Petković, D., **Petković, E.**, Bubanj, S., Bubanj, R. & Stanković, R. (2011). The kinematic model of the basket to handstand on the parallel bar. *Facta Universitatis, Series: Physical Education and Sport*, 9 (1), 55-69
4. Veličković, S., Petković, D. & Petković, E. (2011). A case study about differences in characteristics of the run-up approach on the vault between top-class and middle-class gymnasts. *Science of gymnastics journal*, 3 (1): 25- 34.
5. *Tonić, M., **Petković, E.**, Dragić. B., Ilić, Hadži-S. & Tankuševa, N. (2012). The differences in the biomechanical characteristics of the Drop jump from an elastic surface in women *Facta Universitatis, Series: Physical Education and Sport*, Vol 10, No 1, pp. 75-79*
6. Stefanović, N., Mladenović- Ćirić, I., Pavlović, S., Kundalić, B., Bubanj, S., **Petković, E.**, Puletić, M. & Antić, V. (2012). Evaluation of some anatomical and anthropometric characteristics of the chest based on the analysis of digital images of the anterior aspect of trunk in top athletes. *Acta fac med naiss*, 29 (1), 43-51
7. *Joksimović, A., Stanković, D. & **Petković, E.** (2012). Heart rate during recreational alpine skiing. *Activities in physical education and sport*, Vol 2 (1), 87-91*
8. **Petković, E.** (2013). Relations between conative characteristics and success in gymnastics. *Sport Mont* 37,38,39 (XI), 157-163
9. *Veličković, S., Petković, D. & **Petković, E.** (2013). The Effects of Programmed Physical Preparation on the Transformation of Motor Skills of Young Soldiers of Various Specialties. *Military Operations Research*, 18 (2), 49-59*
10. **Petković, E.**, Mekić, H. Stanković, D. & Raković, A. (2014). Differences of gymnastic contents in the transformation balance and strength. In: Pantelić, S. (Ed.): Book of proceedings XVII Scientific Conference „FIS Communication 2014. in physical education, sport and recreation and II International Scientific Conference, (pp. 132-137). Niš: Fakultet sporta i fizičkog vaspitanja.
11. Raković, A., Savanović, V., Stanković, D., Pavlović, R. Simeonov, A., & **Petković, E.** (2015). Analysis of the elite athletes somatotypes. *Acta Kinesiologica*, 9 (1), 47-53

## Seminars

- Secretary General of the Gymnastics Federation of Southeast Serbia from 01/2014.
- National level coach for Age group development girl gymnasts
- Lecturer for Gymnastics judges course at “C” level for Gymnastic Association of Serbia, 2011.
- Coach seminar organized by the International Olympic Committee 2006.
- IVSS member at SASAI association of ski instructors since 2014.