

dr Boban S. Stojanović, docent
Curriculum Vitae

<i>Prezime:</i>	Stojanović
<i>Ime:</i>	Boban
<i>Ime oca:</i>	Stanislav
<i>Datum rođenja:</i>	8.8.1977.
<i>Mesto rođenja:</i>	Kragujevac, Srbija
<i>Adresa:</i>	Univerzitet u Kragujevcu Prirodno-matematički fakultet Institut za matematiku i informatiku Radoja Domanovića 12,34000 Kragujevac, Srbija
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OBRAZOVANJE

<i>Osnovna škola:</i>	Kragujevac , Srbija, 1984 – 1992.
<i>Srednja škola:</i>	Prva kragujevačka gimnazija, Kragujevac, 1992 – 1996.
<i>Osnovne studije:</i>	Mašinski fakultet Univerzitet u Kragujevcu 1996 – 2002.
<i>Doktorske studije:</i>	CIMSI Univerzitet u Kragujevcu 2002 – 2007.
<i>Strani jezici:</i>	Engleski, Ruski

PROFESIONALNA KARIJERA

<i>Saradnik:</i>	Centar za naučna istraživanja SANU i UNIKG Univerzitet u Kragujevcu 2002 – 2008.
<i>Naučni saradnik:</i>	Politehnički univerzitet u Hong Kongu Hong Kong 2003. i 2005.
<i>Docent:</i>	Institut za matematiku i informatiku Prirodno-matematički fakultet Univerzitet u Kragujevcu 2008 – 2009.
<i>Predmeti koje predaje:</i>	Osnovi programiranja, Strukture podataka i algoritmi 1 i 2, Softverski inženjering 1
<i>Naučna oblast istraživanja:</i>	Programiranje, Kompjutersko modeliranje i simulacije

UČEŠĆE NA PROJEKTIMA

Domaći:	Broj projekta	Naziv projekta
	OI-144028	Metode modeliranja biomehaničkih sistema sa primenom u medicini
Međunarodni:	Broj projekta	Naziv projekta
	FP7-224297	Large-scale Integrating Project(IP): ARTreat. Multi-level patient-specific artery and atherogenesis model for outcome prediction, decision support treatment, and virtual hand-on training
	CD-JEP-40104	Tempus Joint European projekat (JEP) Curriculum development: Engineering Business Management and Service Science Master Module

NAUČNI RADOVI (SCI lista)

D. Stamenovic, M. Kojic, B. Stojanovic, D. Hunter. Pneumatic Osteoarthritis Knee Brace. <i>Journal of Biomechanical Engineering</i> 2009; 131.
M. Kojić, N. Filipović, B. Stojanović, V. Ranković, M. Krstić, L. Otašević, M. Ivanović, M. Nedeljković, M. Dimkić, M. Tričković, M. Pušić, Đ. Boreli-Zdravković, D. Đurić. Finite element modeling of underground water flow with Ranney wells. <i>Water Science & Technology: Water Supply</i> 2007; 7(3): 41–50.
B. Stojanovic, M. Kojic, M. Rosic, C.P. Tsui, C.Y. Tang. An Extension of Hill's Three-Component Model to Include Different Fiber Types in Finite Element Modeling of Muscle. <i>International Journal for Numerical Methods in Engineering</i> 2007; 71: 801-817.
C.Y. Tang, C.P. Tsui, B. Stojanovic, M. Kojic. Finite Element Modelling of Skeletal Muscles Coupled with Fatigue. <i>International Journal of Mechanical Sciences</i> 2007; 49: 1179-1191.
M. Kojic, I. Vlastelica, B. Stojanovic, V. Rankovic, A. Tsuda. Stress integration procedures for a biaxial isotropic material model of biological membranes and for hysteretic models of muscle fibers and surfactant. <i>International Journal for Numerical Methods in Engineering</i> 2006; 68: 893-909.

NAUČNA SAOPŠTENJA

B. M. Ristic, V. Rankovic, B. Stojanovic, M. Kojic. Optimization of the diaphyseal screw shape and number in trochanteric fractures of the hip using finite element analysis. 8th EFORT Congress, Firenze, Italy, 11-15 May 2007.
B. Stojanovic, M. Kojic, A. Tsuda. Motion of Aerosol Particle on Alveolar Membrane. First Serbian (26th YU) Congress on Theoretical and Applied Mechanics, Kopaonik, Serbia, April 10-13, 2007.
I. Vlastelica, B. Stojanovic, M. Kojic. Modeling of Particle Penetration into Tissue and Determination of Particle Submergence Under Action of Surfactant. First Serbian (26th YU) Congress on Theoretical and Applied Mechanics, Kopaonik, Serbia, April 10-13, 2007.
B. Stojanovic, M. Kojic, M. Rosic, C.P. Tsui, C.Y. Tang. Finite Element Modeling of Muscle Using Extended Hill's Model With Different Fiber Types, First South-East European Conference on Computational Mechanics (SEECCM06), Kragujevac, Serbia, 2006; 446-453.
I. Vlastelica, M. Kojic, B. Stojanovic, V. Rankovic, A. Tsuda. On the Superposition of Hysteretic Actions of Tissue and Surfactant, First South-East European Conference on

Computational Mechanics (SEECCM06), Kragujevac, Serbia, 2006; 462-468.
V. Rankovic, N. Jagic , B. Stojanovic, P. Uskokovic, N. Filipovic, M. Kojic. Shape Memory Alloys in Medical Devices. Nitinol Stent Design and Blood Vessel Stresses, First South-East European Conference on Computational Mechanics (SEECCM06), Kragujevac, Serbia, 2006; 421-428.
O. Miljković, M. Tuba, B. Stojanović. Determination of Contours for Finite Elements Mesh Generation, First South-East European Conference on Computational Mechanics (SEECCM06), Kragujevac, Serbia, 2006; 115-119.
M. Kojic, J. Butler, I. Vlastelica, B. Stojanovic, V Rankovic, A Tsuda. Geometric hysteresis of alveolated duct architecture (Abstract). FASEB JOURNAL, 2006; 20 (5): A1258-A1259.
M. Kojic, N. Filipovic, J. Buttler, I. Vlastelica, M. Ivanovic, B. Stojanovic, V. Rankovic, A. Tsuda. Airflow irreversibility within the pulmonary acinus due to hysteresis of surfactant and tissue (Abstract). FASEB JOURNAL, 2005; 19 (4): A642-A642.
O. Miljkovic, M. Tuba, B. Stojanovic. Edges and Medial-lines Detection of Medical Image Objects for Finite Element Mesh, Proceedings of III Congress of Mathematicians of Macedonia, pp. 503-512, Macedonia 2005.
O. Miljkovic, M. Tuba, B. Stojanovic. Contour Detection of Medical Image Objects for Finite Element Mesh Generation, Bulletin for Applied Mathematics (BAM), CVIII 2234-2263/2005, pp. 142-149, Budapest 2005.

MONOGRAFIJE

M. Kojic, N. Filipović, B. Stojanović i N. Kojić. <i>Computer Modeling in Bioengineering</i> . John Wiley and Sons, 2008.
M. Kojić, B. Stojanović, V. Ranković, I. Vlastelica, Poglavlje: <i>Modeliranje biomaterijala i tkiva</i> , knjiga <i>Biomaterijali</i> , Grupa autora, D. Uskoković, D. Raković, ured., YU MRS, 2007, u štampi.
Filipović, M. Kojić, V. Ranković, B. Stojanović, M. Ivanović, Poglavlje: <i>Modeliranje krvotoka, krvnih sudova sa stentom i hrskavice</i> , knjiga <i>Biomaterijali</i> , Grupa autora, D. Uskoković, D. Raković, ured., YU MRS, 2007, u štampi.

ČLANSTVO U DOMAĆIM I INOSTRANIM ORGANIZACIJAMA

Srpsko društvo za računsku mehaniku (SSCM), osnivač

MENTORSTVO

<i>Dokorati:</i>	
<i>Magistarture:</i>	
<i>Specijalizacije:</i>	