Ime i prezime:	Joško Ožbolt

Ustanova zaposlenja: Datum zaposlenja:	Gradjevinski Fakultet Rijeka 2002

Znanstveno-nastavno/nastavno zvanje: Datum zadnjeg izbora: Grana, područje izbora:	Redovni profesoor u trajnom zvanju Tehnička mehanika, Temeljnje tehničke znanosti, Mehanika deformabilnih i krutih tijela

e-mail adresa, web stranica	josko.ozbolt@gradri.uniri.hr
Poznavanje stranih jezika:	Njemački, Engleski

Životopis	**- rođenje, državljanstvo:** 23.04.1955, Hrvatsko **- fakultet:** Gradjevinski Fakultet Zagreb **- magisterij:** Gradjevinski Fakultet Zagreb **- doktorat:** Gradjevinski Fakultet Zagreb **- dodatno obrazovanje:** Habilitacija, Univerzitet Stuttgart **- podaci o prethodnim zaposlenjima:** Univerzitet Zagreb, Univerzitet Stuttgart

Popis radova objavljenih u znanstveno-istraživačkim časopisima	**10 relevantnih publikacija u zadnjih 5 godina** Ožbolt J. and Sharma, A. (2012). Numerical simulation of dynamic fracture of concrete through uniaxial tension and L-specimen, Engeneering Fracture Mechanics, 85, 88-102. Ožbolt, J., Oršanić, F., Balabanić, G. and Kušter, M. (2012). Modeling damage in concrete caused by corrosion of reinforcement: coupled 3D FE model, International Journal of Fracture, 178, 233-244. Ožbolt, J., Sharma, A., Irhan, B. and Sola, E. (2014). Tensile behavior of concrete under high loading rates, Int J Impact Eng, 69:55-68. Ožbolt, J., Oršanić, F. and Balabanić, G. (2014). Modeling pull-out resistance of corroded reinforcement in concrete, Coupled three-dimensional finite element model, Cement and Concrete Composites, 46, 41–55. Ožbolt, J., Bošnjak, J., Periškić, G. and Sharma, A. (2014). 3D Numerical analysis of reinforced concrete beams exposed to elevated temperatures. Engineering Structures, 58:166-174. Irhan, B., Ožbolt, J. and Ruta, D. (2015). 3D finite element simulations of high velocity projectile impact, International Journal of Solids and Structures, 72, 18-49. Ožbolt, J., Bede, N., Sharma, A., Mayer, U. (2015). Dynamic fracture of concrete L-specimen: Experimental and numerical study, Engineering Fracture Mechanics, 148, 27-41. Ožbolt, J., Tonković, Z. and Lacković, L. (2016). Microplane Model for Steel and Application on Static and Dynamic Fracture, Journal of Engrg. Mech., ASCE, 142, No. 2. Ožbolt, J., Oršanić, F. and Balabanić, G. (2016). Modeling influence of hysteretic moisture behavior on distribution of chlorides in concrete, Cement and Concrete Composites, 67, 73-84. Ožbolt, J., Balabanić, G. and Sola, E. (2017). Determination of critical anodic and chathodic areas in corrosion processes of steel reinforcement in concrete, Materials and Corrosion, 68, No. 6.

Popis radova koji nastavnika kvalificiraju za izvođenje nastave	Ožbolt J. and Sharma, A. (2012). Numerical simulation of dynamic fracture of concrete through uniaxial tension and L-specimen, Engeneering Fracture Mechanics, 85, 88-102. Ožbolt, J., Oršanić, F., Balabanić, G. and Kušter, M. (2012). Modeling damage in concrete caused by corrosion of reinforcement: coupled 3D FE model, International Journal of Fracture, 178, 233-244.

Ožbolt, J., Sharma, A., Irhan, B. and Sola, E. (2014). Tensile behavior of concrete under high loading rates, Int J Impact Eng, 69:55-68.

Ožbolt, J., Oršanić, F. and Balabanić, G. (2014). Modeling pull-out resistance of corroded reinforcement in concrete, Coupled three-dimensional finite element model, Cement and Concrete Composites, 46, 41–55.

Ožbolt, J., Bošnjak, J., Periškić, G. and Sharma, A. (2014). 3D Numerical analysis of reinforced concrete beams exposed to elevated temperatures. Engineering Structures, 58:166-174.

Irhan, B., Ožbolt, J. and Ruta, D. (2015). 3D finite element simulations of high velocity projectile impact, International Journal of Solids and Structures, 72, 18-49.

Ožbolt, J., Bede, N., Sharma, A., Mayer, U. (2015). Dynamic fracture of concrete L-specimen: Experimental and numerical study, Engineering Fracture Mechanics, 148, 27-41.

Ožbolt, J., Tonković, Z. and Lacković, L. (2016). Microplane Model for Steel and Application on Static and Dynamic Fracture, Journal of Engrg. Mech., ASCE, 142, No. 2.

Ožbolt, J., Oršanić, F. and Balabanić, G. (2016). Modeling influence of hysteretic moisture behavior on distribution of chlorides in concrete, Cement and Concrete Composites, 67, 73-84.

Ožbolt, J., Balabanić, G. and Sola, E. (2017). Determination of critical anodic and chathodic areas in corrosion processes of steel reinforcement in concrete, Materials and Corrosion, 68, No. 6.

Popis znanstveno-istraživačkih projekata u svojstvu voditelja	Modelling transport processes and corrosion of reinforcement in concrete, Leader, Croatian Government, 2007 – 2014.
	Modelling of concrete exposed to elevated temperature, Leader, DFG Germany, 2007 – 2009.
	Corrosion of reinforcement in concrete, Subproject: Numerical modelling, Leader of subproject, DFG Germany, 2007 – 2009.
	Modeling explosive spalling of concrete exposed to elevated temperature, Leader, DFG Germany, 2011 – 2013.
	Numerical modelling of corrosion of reinforcement in concrete, Leader, DFG Germany, 2011 – 2013.
	Numerical modelling of corrosion of reinforcement in concrete, Leader, DFG Germany, 2013 – 2016.
	Numerical modeling of concrete under extreme loading conditions - impact and fire, Leader, DFG Germany, 2012 – 2016.
	Fastening exposed to elevated temperature, Leader, DFG Germany, 2013 – 2017.

Popis znanstveno-istraživačkih projekata u svojstvu suradnika	Modelling transport processes and corrosion of reinforcement in concrete, Leader, Croatian Government, 2007 – 2014.
	Modelling of concrete exposed to elevated temperature, Leader, DFG Germany, 2007 – 2009.
	Corrosion of reinforcement in concrete, Subproject: Numerical modelling, Leader of subproject, DFG Germany, 2007 – 2009.
	Modeling explosive spalling of concrete exposed to elevated temperature, Leader, DFG Germany, 2011 – 2013.
	Numerical modelling of corrosion of reinforcement in concrete, Leader, DFG Germany, 2011 – 2013.
	Numerical modelling of corrosion of reinforcement in concrete, Leader, DFG Germany, 2013 – 2016.
	Numerical modeling of concrete under extreme loading conditions - impact and fire, Leader, DFG Germany, 2012 – 2016.
	Fastening exposed to elevated temperature, Leader, DFG Germany, 2013 – 2017.

Broj mentorstava na magistarskim radovima	30

Broj mentorstava na doktorskim radovima	15

Broj članstava u komisijama za ocjenu i obranu magistarskih radova	Više od 10

Broj članstava u komisijama za ocjenu i obranu doktorskih radova	Više od 10