Name of teacher:	Paulo Šćulac

Employed at: **Since:**	University of Rijeka, Department of Civil Engineering 01.10.2007

Title: **Since:** **In:**	Assistant professor 7.4.2016 Structural Engineering

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Knowledge of foreign languages:	English, Italian

Qualifications	**- date of birth, nationality:** 29.06.1984, Koper, Republic of Croatia **- First degree obtained at:** University of Rijeka, Department of Civil Engineering, 2007 **- Master degree obtained at:** **- Ph.D. degree obtained at:** University of Rijeka, Department of Civil Engineering, 2014 **- additional education:** **- previous employments:**

List of papers published in scientific journals	- Šćulac, P., Jelenić, G., Škec, L.: Kinematics of layered reinforced-concrete planar beam finite elements with embedded transversal cracking, International Journal of Solids and Structures, 51 (2014), 1, 74-92. - Grandić, D., Šćulac, P., Štimac Grandić, I.: Shear resistance of reinforced concrete beams in dependence on concrete strength in compressive struts, Tehnički vjesnik – Technical Gazette, 22 (2015), 4, 925-934.

List of publications which serve as a proof of teaching qualifications	Šćulac, P., Jelenić, G., Škec, L.: Kinematics of layered reinforced-concrete planar beam finite elements with embedded transversal cracking, International Journal of Solids and Structures, 51 (2014), 1, 74-92. Grandić, D., Šćulac, P., Štimac Grandić, I.: Shear resistance of reinforced concrete beams in dependence on concrete strength in compressive struts, Tehnički vjesnik – Technical Gazette, 22 (2015), 4, 925-934. Jelenić, G., Šćulac, P., Grandić, D.: A simple reinforced-concrete beam model accounting for the effect of tension stiffening, Proceedings of 7th International Congress of Croatian Society of Mechanics – ICCSM, ed.: Virag, Z., Kozmar, H., Smojver, I., Zagreb: Croatian Society of Mechanics, 2012. Šćulac, P., Jelenić, G.: Modelling cracking in reinforced-concrete beams using beam finite elements with embedded discontinuity, Computational Modelling of Concrete Structures - Proceedings of EURO-C 2014, ed.: Bićanić, N., Mang, H., Meschke, G., de Borst, R., London: Taylor and Francis Group, 2014., 569-578. Grandić, D.. Šćulac, P., Bjelanović, A., Franković, T.: Condition assessment of torpedo launch pad station structure in Rijeka, Proceedings of the 1st International Conference on Construction Materials for Sustainable Future (COMS 2017), ed.:. Banjad Pečur, I., Baričević, A., Štirmer, N., Bjegović, D., Zagreb, University of Zagreb,Faculty of Civil Engineering, 2017, 552-558.

Leader of the following research projects	-

Participant in the following research projects	- Scientific project MZOS No. 114-0000000-3025: "Improvement of accuracy of non-linear beams with finite 3D rotations", project leader Prof. Gordan Jelenić, 1.10.2007- 31.12.2009 - Bilateral Croatian-Slovenian scientific project "Nelinearno numeričko modeliranje prostornih armiranobetonskih okvira pod utjecajem korozije armature", project leader Prof. Gordan Jelenić, 1.1.2009 - 31.12.2010 - Croatian Science Foundation project No. IP-11-2013-1631: „Configuration-dependent approximation in non-linear finite-element analysis of structures", project leader Prof. Gordan Jelenić, 1.9.2014 -31.8.2018.

Supervision of MSc theses	-

Supervision of PhD theses	-

Examination of MSc theses	-

Examination of PhD theses	-