Name of teacher:	Teo Mudrić

Employed at: Since:	University of Rijeka, Faculty of Civil Engineering 01.05.2019.

Znanstveno-nastavno/nastavno zvanje: Datum zadnjeg izbora: Grana, područje izbora:	Assistant professor 2019. Engineering mechanics, Basic engineering sciences, Engineering sciences

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Knowledge of foreign languages:	English, italian

Qualifications	**- date of birth, nationality:** 11 September 1985, croatian **- First degree obtained at:** Faculty of Civil Engineering, University of Rijeka, Croatia (2010) **- Ph.D. degree obtained at:** Center for Studies and Activities for Space "G. Colombo", University of Padua, Italy (2014) **- previous employments:** Department of Industrial Engineering, University of Padova, Italy, 2014-2016 INAF – National Institute of Astrophysics, Padova, Italy, 2016-2019

List of papers published in scientific journals	➢ Zaccariotto, M., Mudric, T., Tomasi, D., Shojaei, A., Galvanetto, U.; Coupling of FEM meshes with Peridynamics grids; Computer Methods in Applied Mechanics and Engineering; 2018; 330; 471-497. ➢ Zaccariotto, M., Sarego, G., Dipasquale, D., Shojaei, A., Bazazzadeh, S., Mudric, T., Duzzi, M., Galvanetto, U.; Discontinuous mechanical problems studied with a peridynamics-based approach; The Journal of Aerospace Science, Technologies and Systems; 2017; 96. ➢ Shojaei, A., Mudric, T., Zaccariotto, M., Galvanetto, U.; A coupled meshless finite point/Peridynamic method for 2D dynamic fracture analysis; International Journal of Mechanical Sciences; 2016; 119; 419-431. ➢ Galvanetto, U., Mudric, T., Shojaei, A., Zaccariotto, M.; An effective way to couple FEM meshes and Peridynamics grids for the solution of static equilibrium problems; Mechanics Research Communications; 2016; 76; 41-47. ➢ Mudric, T., Giacomuzzo, C., Francesconi, A., Galvanetto, U.; Experimental Investigation of the Ballistic Response of Composite Panels Coupled with a Self-Healing Polymeric Layer; Journal of Aerospace Engineering; 2016; 29 (6); 2016. ➢ Francesconi, A., Giacomuzzo, C., Grande, A.M., Mudric, T., Zaccariotto, M., Etemadi, E., Di Landro, L., Galvanetto, U.; Comparison of self-healing ionomer to aluminium-alloy bumpers for protecting spacecraft equipment from space debris impacts; Advances in Space Research; 2013; 51 (5); 930-940.

List of publications which serve as a proof of teaching qualifications	➢ Zaccariotto, M., Mudric, T., Tomasi, D., Shojaei, A., Galvanetto, U.; Coupling of FEM meshes with Peridynamics grids; Computer Methods in Applied Mechanics and Engineering; 2018; 330; 471-497. ➢ Zaccariotto, M., Sarego, G., Dipasquale, D., Shojaei, A., Bazazzadeh, S., Mudric, T., Duzzi, M., Galvanetto, U.; Discontinuous mechanical problems studied with a peridynamics-based approach; The Journal of Aerospace Science, Technologies and Systems; 2017; 96. ➢ Shojaei, A., Mudric, T., Zaccariotto, M., Galvanetto, U.; A coupled meshless finite point/Peridynamic method for 2D dynamic fracture analysis; International Journal of Mechanical Sciences; 2016; 119; 419-431. ➢ Galvanetto, U., Mudric, T., Shojaei, A., Zaccariotto, M.; An effective way to couple FEM meshes and Peridynamics grids for the solution of static equilibrium problems; Mechanics Research Communications; 2016; 76; 41-47.

Leader of the following research projects	

Participant in the following research projects	- Impact behaviour of multifunctional materials; University of Padua; CARIPARO Foundation; (leader: prof. dr. sc. Ugo Galvanetto) (2011-2014) - Structural vibrations induced by hyper-velocity impacts; University of Padua; University of Padua; (leader: prof. dr. sc. Ugo Galvanetto) (2014-2016) - STC SIMBIO-SYS; National Institute of Astrophysics (INAF) - Astronomical Observatory of Padua; Italian Space Agency (ASI); (2016-2019)

Supervision of MSc theses	0

Supervision of PhD theses	0

Examination of MSc theses	0

Examination of PhD theses	0