Name of teacher:	Neira Torić Malić
Employed at:	Faculty of Civil Engineering, University of Rijeka
Since:	01.10.2004.
Academic rank: Since:	Associate Professor 16.09.2021
In:	Technical Mechanics (Mechanics of Rigid and Deformable Bodies)
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Knowledge of foreign languages:	English, German

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	- date of hirth, nationality: 23 11 1980: Croatian and Bosnian-Herzegovinian
	- First degree obtained at: University of Rijeka, Faculty of Civil Engineering (2004)
	- <b>Ph D</b> degree obtained at: University of Rijeka, Faculty of Civil Engineering (2007)
	- additional education:
	- auditional education.
	2000. International Auvanceu Professional Training Auvanceu Integral Equation
	• 2008: "How to Use E-Learning in Teaching Practice," Academy of Information
	Lechnology, University of Rijeka
	<ul> <li>2012: IASS-IACM 2012 Conference Course, Faculty of Civil Engineering Sarajevo;</li> </ul>
	International Association for Computational Mechanics; The International
	Association for Shell and Spatial Structures; Ecole normale supérieure de Cachan,
	Sarajevo, BiH
	<ul> <li>2020: Introduction to E-Learning and Its Application in Teaching Process, UNIRI/FOI</li> </ul>
	<ul> <li>2020: Webinar: Designing E-Courses – Online Exams and Tests, UNIRI/FOI</li> </ul>
	<ul> <li>2020: Education in Time of a Pandemic, EDEN</li> </ul>
	<ul> <li>2021: Transforming Higher Education: The Role of Microcredentials and</li> </ul>
	Collaboration, HEInnovate Webinar
	<ul> <li>2022: Business Communication and the Importance of Assertive Communication,</li> </ul>
	Workshop
	2022: How to Improve Communication?
Qualifications	<ul> <li>2022: Educational System; Research Methods in Education with Focus on</li> </ul>
	Sociologically Relevant Explanations of Educational Inequalities, Institute for Social
	Research in Zagreb
	<ul> <li>2023: Flipped Classroom and Work-Based Learning to Stimulate Active Learning,</li> </ul>
	FOI, Rapide Project
	<ul> <li>2023: PROFFORMANCE Thematic Webinars: Designing Student-Centered</li> </ul>
	Curriculum/Courses, MZO
	<ul> <li>2023: Enhancing Fairness and Inclusivity in Higher Education in Croatia:</li> </ul>
	Recommendations for Public Policy, Universitas Association for Higher Education
	Development & Education Development Institute
	<ul> <li>2024: Teaching Rights Workshop, University Library Rijeka</li> </ul>
	<ul> <li>2024, 2025: EUA Learning and Teaching Forum</li> </ul>
	<ul> <li>2024: Teaching Competencies in Higher Education: Quality Assurance in Higher</li> </ul>
	Education, Teacher Education Center, FER Rijeka
	- previous employments: Faculty of Civil Engineering. University of Rijeka:
	Research Assistant (2004–2012)
	<ul> <li>Senior Assistant (2012–2016)</li> </ul>
	Assistant Professor (2016–2021)
	<ul> <li>Vice Dean for Teaching and Students (2020–Present)</li> </ul>

	1	Cuculić M · Torić Malić N · Kožar I · Deluka Tibliaš A "Establishing Non-Linear
	1.	Convertive Heat Transfer Coofficient " Counted Systems Mechanics (11/2) 107
		119 (2022). doi:10.12989/csm.2022.11.2.107
	2.	Kożar, I.; Lozzi Kożar, D.; Torić Malić, N. "Simple Factor Analysis of Measured
		Data." Coupled Systems Mechanics, 11(1), 33–41 (2022).
		doi:10.12989/csm.2022.11.1.033
	3.	Kožar, I.; Torić Malić, N.; Simonetti, D.; Božić, Ž. "Stochastic Properties of Bond-Slip
		Parameters at Fibre Pull-Out." Engineering Failure Analysis, 111, 104478 (2020).
		doi:10.1016/j.engfailanal.2020.104478
	4.	Kožar, I.; Torić Malić, N.; Simonetti, D.; Smolčić, Ž. "Bond-Slip Parameter Estimation
		in Fiber Reinforced Concrete at Failure Using Inverse Stochastic Model."
		Engineering Failure Analysis, 104, 84–95 (2019).
		doi:10.1016/i.engfailanal.2019.05.019
	5.	Kožar, I.; Torić Malić, N.; Rukavina, T. "Inverse Model for Pullout Determination of
		Steel Fibers." Coupled Systems Mechanics, 7(2), 197–209 (2018).
		doi:10.12989/csm.2018.7.2.197
List of papers	6.	Kožar, I.: Rukavina, T.: Torić Malić, N. "Similarity of Structures Based on Matrix
published in	-	Similarity." Technical Gazette, 24(1), 239–246 (2017), doi:10.17559/TV-
scientific journals		20160208123402
•	7.	Kožar, I.: Torić Malić, N. "Analysis of Body Sliding Along Cable." Coupled Systems
		Mechanics, 3(3), 291–304 (2014), doi:10.12989/csm.2014.3.3.291
	8.	Kožar, I.; Torić Malić, N. "Spectral Method in Realistic Modelling of Bridges Under
		Moving Vehicles." Engineering Structures, 50, 149–157 (2013).
		doi:10.1016/i.engstruct.2012.10.024
	9.	Kožar, I.; Torić Malić, N. "Spectral Method in Moving Load Analysis of
		Kirchhoff-Love Plates." Technical Gazette. 20(1), 79–84 (2013).
	10.	Torić Malić, N.; Kožar, I. "Vehicle Strip Element in the Analysis of Stiffened Plate
	-	Under Realistic Moving Loading." Proc. Inst. Mech. Eng. Part K: Journal of
		Multi-Body Dynamics, 226(4), 374–384 (2012), doi:10.1177/1464419312444972
	11	Torić N · Balabanić G · Kožar I "Calculation of Chloride Penetration in Reinforced
		Concrete Column." Građevinar, 62(2), 133–139 (2010).
	12.	Torić, N.: Balabanić, G.: Kožar, I. "Numerical Analysis of Chloride Penetration in
		Reinforced Concrete Column with Time-Dependent Boundary Conditions."
		Proceedings of the Faculty of Civil Engineering, University of Rijeka, 12, 293–302
		(2009)
L	L	
List of publications		

which serve as a proof of teaching qualifications	All publications listed above.	
Leader of the following research projects	<ul> <li>Machine Learning in Parameter Identification of Structural and Material Models, University of Rijeka; €6,611.26; PI; 2024–2025</li> <li>Formulation of Ultimate Strips for Structural Analysis Under Moving Loads, HRZZ; HRK 20,000; PI; 2008</li> <li>Extended Reality for Training Green Skills in the Construction Sector, Erasmus+; €42,450; PI; 2023–2026</li> </ul>	

Participant in the following research projects	<ul> <li>Analysis of the Possibility of Using Recycled Materials in Sustainable Concrete Production, University of Rijeka; €6,054.80; Collaborator; 2024–2025</li> <li>Separating Parameter Influences in Engineering Modeling with Parametric Identification, HRZZ; HRK 914,000; Collaborator; 2019–2023</li> <li>"The Career Garden – Building Bridges Between Educational Institutions and Enterprises Through Distance and Hybrid Internships," Erasmus+; €29,825; Collaborator; 2021–2024</li> <li>Multiscale Concrete Modeling with Parameter Identification, HRZZ; HRK 970,000; Collaborator; 2014–2018</li> <li>Centre of Excellence for Structural Health (CEEStructHealth), IPA IIIc; EU Funds; HRK 7,167,360.62; Collaborator; 2020–2023</li> </ul>

	<ul> <li>Modelling of Structures as Systems with Parameter and Load Identification, University of Rijeka; €149,056.29; Collaborator; 2019–2021</li> <li>Flexible Long Structures: Nonlinear Modeling with Visualization, MZOŠ; Collaborator; 2007–2010</li> <li>Numerical Modeling of Quasi-Brittle Materials, MZOŠ; Collaborator; 2004–2007</li> <li>Influence of Moving Load on Structures, Technological Project TP-02/0114-02, MZOŠ; Research Assistant; 2002–2004</li> </ul>
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Supervision of PhD theses	1 (active)
Examination of PhD theses	3