

PERSONAL INFORMATION

Gabrijela Grozdanić



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WORK EXPERIENCE

- 11/2024 - **Senior teaching/research assistant at the Department of Strength of Materials and Structural Testing**
 University of Split, Faculty of Civil Engineering, Architecture and Geodesy
 Teaching courses: Strength of Materials I, Strength of Materials II, Fundamentals of Load Bearing Structures II, Housing Installations
- 10/2019 - 11/2024 **Teaching assistant at the Department of Strength of Materials and Structural Testing**
 University of Split, Faculty of Civil Engineering, Architecture and Geodesy
 Teaching courses: Strength of Materials I, Strength of Materials II, Fundamentals of Load Bearing Structures II, Housing Installations
- 03/2019 - 09/2019 **Senior Associate at PMG-GATE Interreg project**
 University of Split, Faculty of Civil Engineering, Architecture and Geodesy
 Risk assessment, seismic resistance assessment of stone structures, modelling of masonry structures
- 03/2018 - 03/2019 **Teaching assistant at the Department of metal and timber structures**
 University of Split, Faculty of Civil Engineering, Architecture and Geodesy
 Teaching courses: Introduction to Timber structures, Introduction to Metal Structures, Metal Structures I, Metal Structures II
- 03/2016 – 03/2018 **Associate structural designer**
 Kuzmanić&Šimunović projekt d.o.o., Put plokita 55, 21000 Split
 Design of steel and concrete structures, execution of detailed designs - reinforcement plans and workshop drawings of complex steel and concrete structures, work on complex projects and cooperation with subcontractors of different professions, development of detailed cost estimates, design of supporting structures

EDUCATION AND TRAINING

- 09/2021 – 07/2024 **Postgraduate Doctoral Study of Civil Engineering, at FCEAG Split (Croatia) and UTC Compiègne (France) - Cotutelle**
- 09/2014 – 09/2016 **Graduate University Study of Civil Engineering, Split (Croatia)**
- 09/2010 – 09/2014 **Undergraduate University Study of Civil Engineering, Split (Croatia)**

PERSONAL SKILLS

Mother tongue(s) Croatian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

TOEFL Exam, December 2021.

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Computer skills FEAP, Ansys, Scia Engineer, Autocad, Advance steel, Tower

Driving licence ▪ B

ADDITIONAL INFORMATION

Publications

M Galic, G Grozdanic, V Divic, M Slipcevic, G Siebert
Experimental testing and numerical analysis of EVA interlayer for use in laminated glass
Glass Structures & Engineering 11, 2026, <https://doi.org/10.1007/s40940-026-00319-5>

G. Grozdanic, E. Hajdo, A. Ibrahimbegovic, M. Galic;
Buckling analysis of slender laminated-glass elements using the combination of analytical and numerical approaches, Engineering Computations, 1-27, 2025, doi: <https://doi.org/10.1108/EC-09-2024-0873>

G. Grozdanic, A. Ibrahimbegovic, M. Galic, and V. Divic,
"Multiscale beam model for simulating fracture in laminated glass structures," Engineering Fracture Mechanics, vol. 292, 2023, doi: [10.1016/j.engfracmech.2023.109606](https://doi.org/10.1016/j.engfracmech.2023.109606).

G. Grozdanić, A. Ibrahimbegović, and M. Galić,
Different Approaches in Analyses and Modelling Laminated Glass Elements Exposed to Static Load // PROCEEDINGS - ECCOMAS MSF 2023- 6 th International Conference on Computational Methods for Solids and Fluids / Ibrahimbegović, Adnan ; Dolarevic, Samir, Cohodar-Husic, Maida (ur.), Sarajevo: Faculty of Civil Engineering, University of Sarajevo, 2023., pp. 90–92.

Galić, Mirela; Grozdanić, Gabrijela; Divić Vladimir; Marović, Pavao
Parametric Analyses of the Influence of Temperature, Load Duration, and Interlayer Thickness on a Laminated Glass Structure Exposed to Out-of-Plane Loading // Crystals 2022, 12, 838.
<https://doi.org/10.3390/cryst12060838>

Juradin, Sandra; Čota, Melina; Lovrić Vranković, Jelena; Grozdanić, Gabrijela
Use of e-waste cables as part of aggregate or fibers in concrete // International Congress on Innovation Technologles & Engineering / BAŞARAN, Bahri ; BALTACI, Aysun (ur.), Ege University, Izmir, Turkey: IKSAD GLOBAL PUBLISHING HOUSE, 2022. pp. 467-477

Grozdanić, Gabrijela; Galić, Mirela; Marović, Pavao
Some aspects of the analyses of glass structures exposed to impact load // Coupled Systems Mechanics, 10 (2021), 6; 475-490 doi: [10.12989/csm.2021.10.6.475](https://doi.org/10.12989/csm.2021.10.6.475)

Grozdanić, Gabrijela; Galić, Mirela; Marović, Pavao
Some aspects of the glass structures analyses exposed to impact load // Proceedings - ECCOMAS MSF 2021 - 5th International Conference on Multi-scale Computational Methods for Solids and Fluids / Ibrahimbegović, Adnan ; Nikolić, Mijo (ur.), Sarajevo: Faculty of Civil Engineering, University of Sarajevo, 2021. pp. 140-143

Nikolić, Željana; Runjić, Luka; Ostojić Škomrlj, Nives; Kozulić Vedrana; Grozdanić, Gabrijela; Benvenuti, Elena
Seismic assessment of historical stone masonry buildings // ECCOMAS MSF 2021 - 5th International Conference on Multi-scale Computational Methods for Solids and Fluids / Ibrahimbegović, Adnan ; Nikolić, Mijo (ur.), Sarajevo: Faculty of Civil Engineering, University of Sarajevo, 2021. pp. 56-57

Galić, Mirela; Grozdanić, Gabrijela; Marović, Pavao

The Influence of Temperature Changes on Structural Behavior of the Laminated Glass Exposed to Bending // Abstract Book ACE-X 2021 - Proceedings of the 14th Int. Conf. on Advanced Computational Engineering and Experimenting / Oschner, Andreas (ur.).

Munich: ICC – International Conferences and Courses Limited, 2021. pp. 1-1

Conferences International Congresses of the Croatian Society of Mechanics (ICCSM) 2025/ Croatia

International Conference on Multi-scale Computational Methods for Solids and Fluids/ ECCOMASS MSF 2025/ Split

6th International Conference on Multi-scale Computational Methods for Solids and Fluids/ ECCOMASS MSF 2023/ Sarajevo

5th International Conference on Multi-scale Computational Methods for Solids and Fluids/ ECCOMASS MSF 2021/ Split

Projects

03/2019 – 09/2019 Team member of the Interreg project financed by the European funds " Preventing, Managing and Overcoming Natural-Hazards Risks to mitiGATE economic and social impact" (PMO-GATE; Croatia-Italy)

Seminars

Machine Learning and Materials Discovery, Universite Paris-Saclay, Orsay, September 2024.

ECCOMAS MSF 2023 Short Course for Doctoral Students, July 2023., Sarajevo

SEA-EU-Doc project "Entrepreneurship Skills course", April 2023.

Courses "Effective Reading", Sorbonne University, February 2022.

Course "Matériaux, Recherche, Innovation", Sorbonne University, January-March 2022.

ECCOMAS MSF 2021 Short Course for Doctoral Students, July 2021., Split