

PERSONAL INFORMATION

**Lovrić Vranković Jelena**

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WORK EXPERIENCE

03/2017 - Present

**Teaching assistant at the Chair for metal and timber structures**

University of Split, Faculty of Civil Engineering, Architecture and Geodesy

- Teaching courses: Introduction to Timber structures, Introduction to Metal Structures, Reliability of Structures, Composite Structures, Advanced Timber Structures, Load Bearing Structures II

01/2014 – 02/2017

**Associate at Administrative department of Construction and Physical planning**

Split-Dalmatia County

EDUCATION AND TRAINING

03/2018 - Present

**Postgraduate Doctoral Study of Civil Engineering, Split (Croatia)**

09/2011 – 09/2013

**Graduate University Study of Civil Engineering, Zagreb (Croatia)**

09/2008 – 09/2011

**Undergraduate University Study of Civil Engineering, Zagreb (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
German	A1	A1	A1	A1	A1

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

Computer skills Ansys, Scia Engineer, Matlab, Autocad

ADDITIONAL INFORMATION

Publications

Application of hardwood for glued laminated timber in Europe; Ivana Uzelac Glavinić, Ivica Boko, Neno Torić, Jelena Lovrić Vranković// Građevinar, Vol. 72 No. 07., 2020.

An Experimental Investigation of Hardwoods Harvested in Croatian Forests for the Production of Glued Laminated Timber. Uzelac Glavinić Ivana, Boko Ivica, Lovrić Vranković Jelena, Torić Neno and Abramović Mario (2023). Materials 16(5), 1843.

The Time-Dependent Behavior of Glulam Beams from European Hornbeam. Lovrić Vranković Jelena, Boko Ivica, Uzelac Glavinić Ivana, Torić Neno and Abramović Mario (2023). Buildings 13(7), 1864.

Goreta, Marko; Torić, Neno; Boko, Ivica; Lovrić Vranković, Jelena The Effect of Creep on Time-Dependent Response of Aluminium Frame Structures // Fire technology, 2023 (2023), 8, 23. doi: 10.1007/s10694-023-01491-8

Conferences

Testing the influence of creep on fire-exposed aluminium columns; Goreta, M.; Torić, N.; Divić, V.; Boko, I.; Lovrić Vranković, J. // Proceedings of 9th International Congress of Croatian Society of Mechanics / Split: Croatian Society of Mechanics, 2018.

Experimental and Numerical Analysis of Glued Laminated Timber Beams; Lovrić Vranković, J.; Boko,

I.; Divić, V.; Torić, N.; Goreta, M. // Proceedings of 9th International Congress of Croatian Society of Mechanics / Split: Croatian Society of Mechanics, 2018.

6<sup>th</sup> Congress of Young researchers in the field of Civil Engineering and Related Science called "Common foundations 2018-uniSTem"

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 Technologies & Engineering / BAŞARAN, Bahri ; BALTAÇI, Aysun (ur.). IKSAD, 2022. str. 467-477

Suitability of selected hardwood species for the production of glued laminated timber; Lovrić Vranković, J.; Boko, I.; Uzelac Glavinić, I.; Torić, N., Abramović, M.; 16th ACEX2023, Heraklion, Crete, Greece

Potential of hardwoods harvested in Croatian forests for the production of glued laminated timber; 8th International Conference on Building Materials and Construction - 8th ICBMC 2023, Kyoto, Japan; Boko, I.; Uzelac Glavinić, I.; Torić, N.; Hrzić, T.; Lovrić Vranković, J.

The influence of different adhesives systems on the shear strength of glue lines; Boko, I.; Lovrić Vranković, J.; Uzelac Glavinić, I.; Torić, N., Abramović, M.; 9th International conference civil engineering – science and practice GNP2024, Kolašin, Montenegro

**Projects** Team member of the scientific project financed by the Croatian Science Foundation "Influence of creep strain on the load capacity of steel and aluminium columns exposed to fire"

Team member of the scientific project KK.01.2.1.02.0330 'Increasing the development of new wood industry products used in construction', a project co-financed by the Croatian Government and the European Union through the European Regional Development Fund - the Competitiveness and Cohesion Operational Programme.