



## PERSONAL INFORMATION

## Mario Galić

 Cetinska 10, 31207 Tenja (Croatia)

 (+385) 99 70 74 740  (+385) 31 540 091

 mgalic@gfos.hr

 <http://www.gfos.unios.hr/cv/preddiplomski-sveucilisni-studij-gradevinarstvo/mario-galic> 

[https://www.researchgate.net/profile/Mario\\_Galic](https://www.researchgate.net/profile/Mario_Galic)

 Skype mario@work (mario.galic29)

Date of birth 03/09/1983 | Nationality Croatian

## WORK EXPERIENCE

1 Nov 2018–Present

**Head of the Department for Organization, Technology and Management**

Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek (Croatia)

Jan 2018–Present

**Assistant Professor**

Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek (Croatia)

Department for Organization, Technology and Management in Construction

Fields of occupation:

- construction organization and technology
- project management
- system engineering
- building information modelling
- applied mathematics in construction process modelling

Dec 2016–Dec 2017

**Postdoctoral Assistant**

Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek (Croatia)

Department for Organization, Technology and Management in Construction

Fields of occupation:

- construction organization and technology
- project management
- system engineering
- building information modelling
- applied mathematics in construction process modelling

Dec 2010–Dec 2016

**Teaching and research assistant**

Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek (Croatia)

Department for Organization, Technology and Management in Construction

Fields of occupation:

- construction organization and technology
- project management
- system engineering

- building information modelling
- applied mathematics in construction process modelling

Nov 2008–Dec 2010

**Project associate**

Urbos ltd., Osijek (Croatia)

Fields of occupation:

- construction project management
- construction project documentation and design
- construction site supervision
- financial consulting in construction projects

EDUCATION AND TRAINING

---

Nov 2011–Jul 2016

**PhD in Civil Engineering**

University of Zagreb, Faculty of Civil Engineering, Zagreb (Croatia)

Oct 2002–Jul 2010

**Master's Degree in Civil Engineering**

Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek (Croatia)

1 Feb 2013–14 May 2013

**Pedagogical-psychological and didactic-methodical training (Module B)**

Josip Juraj Strossmayer University of Osijek, Faculty of Education, Osijek (Croatia)

1 Oct 2017–6 Oct 2017

**Erasmus+ programme - training of teaching staff**

Univerza v Mariboru, Fakultete za gradbeništvo, prometno inženirstvo in arhitekturo, Maribor (Slovenia)

10 Sep 2014–10 Dec 2014

**Erasmus+ programme - training of teaching staff**

Bauhaus Universität Weimar, Faculty of Civil Engineering, Weimar (Germany)

3 Nov 2013–16 Nov 2013

**Erasmus+ programme - training of teaching staff**

Bauhaus Universität Weimar, Faculty of Civil Engineering, Weimar (Germany)

PERSONAL SKILLS

---

Mother tongue(s)

Croatian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
German	B2	B2	B2	B2	B2
Italian	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Driving licence

B

## ADDITIONAL INFORMATION

### Projects

#### Scientific projects:

- 2014. - 2017.; associate in the project "FRAMed-MAsonry" Frame - masonry composites for modelling and standardization
- 2010.- 2011.; associate in the project "Usustavljanje hrvatskog građevinskog nazivlja - Grana" - interdisciplinary project on systematization of Croatian construction terminology

#### Professional projects:

- 2008.- 2011. Strmac psychiatric hospital, documentation for the reconstruction and upgrading, construction site supervision and consulting
- 2010. Teaching faculty Osijek, project documentation of the renovation and adaptation
- 2010. Parish Office Čeminac, project documentation
- 2010. Novska Parish Church, construction site supervision
- 2009. Buissnes Zone Darda, project documentation and site supervision
- 2009. Pejacevic Castle Virovitica, project documentation
- 2009. - 2010. County's Great Hall, project of renovation and adaptation
- 2008. - 2010. Museum Nova Gradiška, project for building's reconstruction and anex construction of the museum
- 2008. - 2009. Historicist castle "Tikveš", project documentation and site supervision
- 2009. Parish Office Kaptol, project documentation and site survey
- 2009. Jewish tomb Virovitica, project documentation
- 2008. - 2009. State Archives in Osijek, project documentation
- 2008. BIOS, project documentation and site supervision

### Publications

#### Publications in journals:

- Dasović, B., Galić, M., & Klanšek, U. (2019). Active BIM Approach to Optimize Work Facilities and Tower Crane Locations on Construction Sites with Repetitive Operations. *Buildings*, Vol. 9, No.1, p 21.
- Galić, M. (2018), Route optimization of multiple-agent travelling salesman problem. *Czech Journal of Civil Engineering*. Vol. 1/2018; pp. 36-42.
- Venkrbec, V., Galić, M., & Klanšek, U. (2018), Construction process optimisation—review of methods, tools and applications. *Građevinar*, Vol. 70, No. 7, pp. 593-606.
- Galić, M., Venkrbec, V., Chmelik, F., Feine, I., Pučko, Z. & Klanšek, U. (2017), Survey of accomplishments in BIM implementation in Croatia, the Czech Republic, Germany, and Slovenia, *Electronic Journal of the Faculty of Civil Engineering Osijek-e-GFOS*, Vol. 8, No. 15, pp. 23-35
- Barišić, I., Galić, M. & Netinger Grubeša, I. (2017), Pervious concrete mix optimization for sustainable pavement solution, *IOP Conference Series: Earth and Environmental Science*, Vol. 90, pp. 1-6
- Galić, M., Barišić, I. & Ištoka Otković, I. (2017), Route Reliability Based Simulation Model for HMA Delivery in Urban Areas, *Procedia Engineering*, Vol. 187, pp. 378-386
- Dasović, B., Čorak, M., Galić, M. & Klanšek, U. (2016), Application of "Einstein's riddle" in solving construction machine allocation problems, *e-gfos*, Vol. 7, No. 13, pp. 12-22.
- Galić, M. & Kraus, I. (2016), Simulation Model for Scenario Optimization of the Ready-Mix Concrete Delivery Problem, *Selected Scientific Papers - Journal of Civil Engineering*, Vol. 11, No. 2, pp. 7-18.
- Galić, M., Završki, I. & Dolaček-Alduk, Z. (2016), Scenario simulation model for optimized allocation of construction machinery, *Građevinar*, Vol. 68, No. 2, pp. 105-112.
- Galić, M., Završki, I. & Dolaček-Alduk, Z. (2016), Methodology and algorithm for asphalt supply chain optimization, *Tehnički vjesnik-Technical Gazette*, Vol. 23, No. 4, pp. 1193-1199.
- Galić, M., Thronicke, R., Schreck, B. M., Feine, I. & Bargstädt H.-J. (2015), Process modelling and scenario simulation in construction using Enterprise Dynamics Simulation software, *e-gfos*, Vol. 5, No. 10, pp. 22-29.
- Galić, M., Završki, I. & Dolaček-Alduk, Z. (2015), Scenario Simulation Model of the Production,

Transportation and Asphalt Paving, Organization, Technology & Management in Construction: An International Journal, Vol. 7, No. 3, 1345-1351.

- Šandrk Nukić, I., Galić, M. & Dolaček-Alduk, Z. (2015), Impact of changes in a project team structure on the team performance, e-gfos, Vol. 5, No. 10, pp. 58-66.
- Galić, M., Dolaček-Alduk, Z. & Uremović, B. (2013), Constructability-Buildability-Izgradivost, e-gfos, Vol. 4, No. 6, pp. 68-80.
- Galić, M., Dolaček-Alduk, Z., Burilo, D. & Knežević, A. (2012), Završni radovi u građevinarstvu - planiranje troškova, e-gfos, Vol. 3, No. 4, pp. 93-101.

#### Publications on international conferences:

- Galić, M., Draganić, H., & Dokšanović, T. (2018, September). Finite Element Mesh Size Optimization for Steel Bolted Connection. In International Conference on Engineering Optimization (pp. 53-60). Springer, Cham.
- Galić, M., Venkrbec, V., Chmelik, F., Feine, I., Pučko, Z. & Klanšek, U. (2017), Review of BIM's Implementation in some EU AEC Industries, In: OTMC 2017 Proceedings, pp. 462-476, 27-30 September 2017, Poreč, Croatia.
- Galić, M., Barišić, I. & Ištoka Otković, I. (2017), Route Reliability Based Simulation Model for HMA Delivery in Urban Areas, In: Procedia Engineering, Vol. 187, pp. 378-386, 4-5 May 2017, Vilnius, Lithuania.
- Galić, M. & Kraus, I. (2016), Web-mapping discrete simulation model for solving routing and material network flow problems in construction projects, In: Young Scientist 2016; Platko, P., Ondrejka Harbuláková, V. & Ďuriš, A. (Eds.), 14 -15 April 2016, Štrbské pleso, High Tatras, Slovakia.
- Galić, M., Nguyen Vu, L. & Feine, I. (2015), Weather Forecast as an Additional Dimension to BIM, In: 12th International Conference Organization, Technology And Management In Construction Conference proceedings: Cerić, A., Korytarova, J., Radujković, M., Vukomanović, M. & Završki, I. (Eds.), OTMC2015, 2 - 5 September 2015, Primošten, Croatia.
- Galić, M., Završki, I. & Dolaček-Alduk, Z. (2015), Process Chain Simulation Model of Production, Transportation and Asphalt Paving, In: 12th International Conference Organization, Technology And Management In Construction Conference proceedings: Cerić, A., Korytarova, J., Radujković, M., Vukomanović, M. & Završki, I. (Eds.), OTMC2015, 2 - 5 September 2015, Primošten, Croatia.
- Galić, M., Dolaček-Alduk, Z., Cerovečki, A., Glick, D. & Abramović, M. (2014), BIM in planning deconstruction projects, In: eWork and eBusiness in Architecture, Engineering and Construction; Mahdavi, A., Martens, B., Scherer, R.(Eds.), 10th European Conference on Product & Process Modelling 2014, 17-19 September, Vienna, Austria.
- Galić, M., Nasir, A. R., Dolaček-Alduk, Z. & Bargstädt, H.-J. (2014), Comparative analysis of the machine labor ratio for earth excavation in different economies. In: Proceedings of the Creative Construction Conference 2014, Hajdu, M. & Skibniewski, M. J. (Eds.), CCC 2014, 21-24 June 2014. Prague, Czech Republic. Diamond Congress Ltd., pp. 186-192.
- Galić, M., Dolaček-Alduk, Z. & Završki, I. (2013), The importance of additional criteria in solving transportation problem. In: Proceedings of the Creative Construction Conference 2013, Hajdu, M. & Skibniewski, M. J. (Eds.), CCC 2013, 6-9 July 2013. Budapest, Hungary. Diamond Congress Ltd, pp. 219-229.
- Galić, M. (2013), Holistički pristup planiranju proizvodnje, transporta i ugradnje asfalta pomoću proširenog transportnog problema. In: Zbornik sažetaka - Zajednički temelji, Divić, V., Trogrić, B. & Gotovac, H. (ur.), Prvi skup mladih istraživača iz područja građevinarstva, arhitekture i geodezije- Zajednički temelji, 25-27 rujna 2013. Split, Hrvatska. Udruga hrvatskih građevinskih fakulteta, pp. 19-20.
- Galić, M., Antić, M. & Hanák, T. (2013), Comparison of organizational culture and design of civil engineering faculties in Zagreb, Osijek and Brno. In: OTMC 2013 Proceedings, Burcar Dunović, I., Mlinarić, V. & Završki, I., (Eds.) 11. International conference Organization, Technology and Management in Construction, 28-30 September 2013. Dubrovnik, Croatia. Croatian association for construction management, pp. 60-67.
- Galić, M., Završki, I. & Dolaček-Alduk, Z. (2013), Reengineering the construction companies in time of the recession. In: OTMC 2013 Proceedings, Burcar Dunović, I., Mlinarić, V. & Završki, I., (Eds.) 11. International conference Organization, Technology and Management in Construction, 28-30 September 2013. Dubrovnik, Croatia. Croatian association for construction management, pp. 68-78.
- Dolaček-Alduk, Z., Čulo, K. & Galić, M. (2012), Subcontracting in Croatian construction industry. In:

Proceedings of the Creative Construction Conference 2012, Hajdu, M. & Skibniewski, M. J. (Eds.), CCC 2012, 30 June -3 July 2012. Budapest, Hungary. Diamond Congress Ltd, pp. 163-169.

- Nahod, M.-M., Radujković, M., Dolaček-Alduk, Z. & Galić, M. (2011), Review of construction management undergraduate study program in Croatia, In: OTMC 2011 Proceedings, Cerić, A., Nahod, M.M., Radujković, M. & Vukomanović, M. (Eds.) 10. International conference Organization, Technology and Management in Construction, 7-10 September 2011. Šibenik, Croatia. Croatian association for construction management, pp. 47-58.

#### Memberships

Member of the Society of Civil Engineers Osijek

Member of the Croatian Association for Construction Management

Member of the editorial board of the Electronic Journal of the faculty of civil engineering Osijek - e-GFOS

Member of the editorial board of the Czech Journal of Civil Engineering