

Danijel Rebolj was born on August 27, 1956 in Maribor. Graduated from the II. Gymnasium Maribor, graduated in Civil Engineering in 1982 and obtained his Master's degree in computer science in 1989, both at the University of Maribor. He obtained a doctorate in technical sciences at the Technical University of Graz in the field of construction informatics in 1993.

Until his retirement at the end of 2020, he was employed at the University of Maribor as a full professor in the field of construction and transport informatics. He was a guest professor at several universities, including Stanford University, University College Cork and University of Technical Sciences Graz. From 2011 to 2015, he was rector of the

University of Maribor. From 2021 he is Professor Emeritus at University of Maribor.

His area of interest and research includes automation in construction, building information modeling (BIM), mobile and ubiquitous computing, web-based communication and collaboration, and other information technologies that represent significant potential for the performance and development of architecture, engineering and construction.

He lived in Maribor, where he was happily married for 44 years to his youthful love from high school, who passed in 2022. He now lives in a village of Zgornja Kungota, has two adult sons and a granddaughter. He's engaged as president of the national building information modeling association siBIM, still likes to create digital models on his computer, but also loves the sea and sailing, especially in the south wind.

Significant publications (for the complete list of publications please see https://bib.cobiss.net/biblioweb/direct/si/eng/cris/05528):

- PUČKO, Zoran, ŠUMAN, Nataša, REBOLJ, Danijel. Automated continuous construction progress monitoring using multiple workplace real time 3D scans. Advanced engineering informatics: the science of supporting knowledge-intensive activities, ISSN 1474-0346, Oct. 2018, vol. 38, pp. 27-40, doi: 10.1016/j.aei.2018.06.001.
- REBOLJ, Danijel, PUČKO, Zoran, ČUŠ BABIČ, Nenad, BIZJAK, Marko, MONGUS, Domen. Point cloud quality requirements for Scan-vs-BIM based automated construction progress monitoring. Automation in construction, 2017, vol. 84, pp. 323-334, doi: 10.1016/j.autcon.2017.09.021.
- ČUŠ BABIČ, Nenad, REBOLJ, Danijel. Culture change in construction industry: from 2D toward BIM based construction: geometric data exchange using the IFC standard. Journal of information technology in construction, 2016, vol. 21, pp. 86-99.
- DVORNIK PERHAVEC, Daniela, REBOLJ, Danijel, ŠUMAN, Nataša. Systematic approach for sustainable conservation. Journal of cultural heritage, 2015, vol. 16, iss. 1, pp. 81-87.
- ČUŠ BABIČ, Nenad, REBOLJ, Danijel, NEKREP, Matjaž P., PODBREZNIK, Peter. Supply-chain transparency within industrialized construction projects. Computers in industry, Feb. 2014, iss. 2, vol. 65, pp. 345-353.
- TIBAUT, Andrej, REBOLJ, Danijel, NEKREP, Matjaž P. Interoperability requirements for automated manufacturing systems in construction. Journal of intelligent manufacturing, ISSN 0956-5515, Feb. 2014, vol. 27, iss. 1, str. 251-262, doi: 10.1007/s10845-013-0862-7
- TIBAUT, Andrej, REBOLJ, Danijel, MENZEL, Karsten, HORE, Alan. ITC-Euromaster Course Pool for AEC engineers. Int. j.: emerg. technol. learn., 2013, vol. 8, no. 2, pp. 36-40.
- REBOLJ, Danijel, FISCHER, Martin, ENDY, Drew, MOORE, Thomas, ŠORGO, Andrej. Can we grow buildings? Concepts and requirements for automated nano- to meter-scale building. Advanced engineering informatics, 2011, vol. 25, iss. 2, pp. 390-398, doi: 10.1016/j.aei.2010.08.006.

- ČUŠ BABIČ, Nenad, PODBREZNIK, Peter, REBOLJ, Danijel. 2010, Integrating resource production and construction using BIM. Autom. constr. vol. 19, iss. 5, pp. 539-543.
- Rebolj, D, Čuš Babič, N, Magdič, A, Podbreznik, P, Pšunder, M. 2008, Automated construction activity monitoring system. Advanced engineering informatics, Oct. 2008, vol. 22, no. 4, pp. 493-503.
- Rebolj, D, Tibaut, A, Čuš Babič, N, Magdič, A, Podbreznik, P. 2008, Development and application of a road product model. Autom. constr., vol. 17, iss. 6, pp. 719-728.
- Rebolj, D, Menzel, K, Dinevski, D 2008, A virtual classroom for information technology in construction. Comput. appl. eng. educ., 2008, vol. 16, no 2, pp. 105-114. doi: 10.1002/cae.20129.
- Čuš Babič, N, Rebolj, D, Magdič, A, Radosavljević, M 2003 MC as a means for supporting information flow in construction processes. Concurr. eng. res. appl., vol. 11, no. 1, pp. 37-46.
- Rebolj, D, Sturm, PJ 1999, A GIS based component-oriented integrated system for estimation, visualisation and analysis of road traffic air pollution. Environ. model. softw., 14, pp. 531-539.
- Rebolj, D 1999, Integration of computer supported procsses in road life cycle. J. transp. eng., 125, 1, pp. 39-45.
- REBOLJ, Danijel. Graphic modelling of superstructures. Enginering information in data bases and knowledge based systems Techno-Data 90, (Research in Informatics, Volume 3). Berlin: Akademie-Verlag, 1990, pp. 186-196.