

Matausch P, Grossberger H, Michelberger F and Bogensberger B. (2016), Optimale Gleisüberwachung mittels Geomonitorings- Weiterentwicklung eines Geomonitoringsystems für den Einsatz im Bereich Bahn. Eisenbahn-technische Rundschau (ETR Austria).

Grossberger H., Mauler C and Michelberger F. (2016) Lifecycle based user value analysis of rail-road level crossings: Probabilistic approach using Monte Carlo simulation. The 16th International conference on reliability and statistics in transportation and communication, 19 -22 Oct. Riga, Latvia.

Grossberger H. Michelberger F and Kruch J. (2016). A novel design of catenary mast system. *The International Journal of the University of Niš FACTA UNIVERSITATIS – Series: Mechanical Engineering*, ISSN: 0354-2025

Grossberger H. and Michelberger F. (2016). Integrated Lifecycle Assessment of Railway Infrastructures. 10. Forschungsforum der Österreichischen Fachhochschulen, Vienna.

Grossberger H. and Michelberger F. (2015). Lifecycle Assessment of Existing Railway Infrastructures and Probabilistic Performance Approaches (oral presentation). INNORAIL- Conference: Railway Infrastructure and Innovation in Europe. Budapest.

Strauss A., Vidovic A, Zambon I., Grossberger H. and Bergmeister K., (2015). Monitoring Information and Probabilistic-Based Prediction Models for the Performance Assessment of Concrete Structures. *Journal of Performance of Const. Facilities*. [10.1061/\(ASCE\)CF.1943-5509.0000834](https://doi.org/10.1061/(ASCE)CF.1943-5509.0000834) , 04015081

Michelberger F., Grossberger H. Judmaier P. (2015). Rare Earth Elements in Railway Infrastructure – Potentials for an Information System as a Tool for Operators and other Stakeholder. *Journal of Transport Problem*. (10) Especial Edition, 2015.

Strauss, A.; Grossberger, H.; Bergmeister, K.; Zimmermann, T.; Ralbovsky, M.; Alten, K.; Lachinger, S.: (2015): Comprehensive infrastructure life-cycle assessment In: Hitoshi Furuta; Dan M. Frangopol; Mitsuyoshi Akiyama, Life-Cycle of Structural Systems

Grossberger H., Bergmeister K. and Strauss A. (2014). Framework for Lifecycle Assessment of Engineering Structures. CCC 2014 Proceedings. Concrete Offers for the Period of Economic Recovery. Liberec, Czech Republic.

Bergmeister K., Grossberger H. and Strauss A. (2013). Are antifragile structures reliable? [11th International Probabilistic Workshop, In: D. Novak; M. Vorechovsky (Eds.), Proceedings of the 11th International Probabilistic Workshop, Keynote lecture; ISBN: 978-80-214-4800-1 Brno [6 - 8 November].

Strauss A., Grossberger H., Urban S., Schütz R. (2013). Performance assessment of concrete structures using monitoring information and probabilistic based prediction models. 11th International Conference on Structural Safety & Reliability. Columbia University New York, NY [June 16-20, 2013]

Strauss A., Grossberger (Ffn: Abebe Demissie) H. Bergmeister K. (2013). Gamma processes for the degradation analysis of engineering structures. [Third International Symposium on Life-Cycle Civil Engineering, Wien, 3 - 6 October 2012]

Grossberger, H.; Strauss, A. (2012): Application of Gamma Process in Bridge Lifecycle Assessment in: Jure Radic, Marija Kuster (Eds.), CCC2012 Proceedings. Durability of Concrete Structures; ISBN: 978-953-7621-14-8

Strauss, A.; Abebe Demissie, H. (2012): Gamma Process - Life cycle analysis of the Neumarkt Bridge, IT In: Vorechovsky, M.; Sadilek, V.; Seitzl, S.; Vesely, V.; Muhanna, R.; Mullen, R. (Eds.), Proceedings of the 5th International Conference on Reliable Engineering Computing. Practical Applications and Practical Challenges; ISBN: 978-80-214-4507-9

Abebe Demissie, H.; Bergmeister, K.; Strauss, A. (2010): Lifecycle cost models for concrete structures In: Chen, S.; Frangopol, D.M.; Ang, A. Proceedings of the Second International Symposium of Life-Cycle Civil Engineering. Life-Cycle of Civil Engineering Systems, International Association for Life-

Cycle Civil Engineering. National Taiwan University of Science and Technology; ISBN: 978-986-02-4986-6

Abebe Demissie, H.; Strauss A. (2010). Reliability and Life-Cycle Cost Analysis of Structures, (non-published, oral presentation), Eighth International Probabilistic Workshop, IRM Szczecin, Szczecin Poland, November 18-19, 2010