dr. Vytautas Valaitis

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Education

- **PhD in Informatics,** Vilnius University, Lithuania, 2016.
- **MSc in Informatics,** Vilnius University, Lithuania, 2011.
- **BSc in Software Engineering,** Vilnius University, Lithuania, 2009.

Experience

- **Vilnius University, Software Engineering Faculty,** Assistant Professor, 2017 - Present.
- **Monet Lt, UAB, Vilnius, Lithuania,** Researcher, Lead Developer, 2018 - Present.
- **Space Science and Technology Institute, Vilnius, Lithuania,** Junior Researcher, 2018 - 2019.
- **Vilnius University, Software Engineering Faculty,** Lecturer, 2011 - 2017.
- **Magma Solutions UAB, Vilnius, Lithuania,** Engineer Developer, 2017.
- **Vilnius University, Informatics Faculty,** Junior Researcher, 2013 - 2015.
- **VsI Inovatyvus inzineriniai projektai, Vilnius, Lithuania,** Lead Developer, 2014 - 2015.
- **UAB Teltonika, Vilnius, Lithuania,** Embedded Developer, 2009 - 2011.
- **AB Lietuvos Energija, Vilnius, Lithuania,** Developer, 2007 - 2008.
- **UAB Prototechnikos Iranga, Vilnius, Lithuania,** Developer, 2006 - 2007.

Languages

- **Lithuanian,** native
- **English,** good understanding speaking and writing.

Projects

- **Hybrid UAV Kolibris,** KAM-01-08, 2016.
- **High-dimensionality and small data size problems in classification of biomedical and financial data,** MIP-13011, 2013 - 2015.
- **Lituanica SAT-1,** 2012 - 2014.

Publications

- **Valaitis, V. et al Minimizing Hexapod Robot Foot Deviations Using Multilayer Perceptron.** International Journal of Advanced Robotic Systems. Vol. 12, 2015.
- **Valaitis, V. et al Piezoelectric Force Sensors for Hexapod Transportation Platform.** Transport: Special Issue on Smart and Sustainable Transport. Vol. 30, No. 3, 2015.
- **Valaitis, V. et al A Price We Pay for Inexact Dimensionality Reduction.** Bioinformatics and Biomedical Engineering. p. 289-300, 2015.
- **Valaitis, V. Learning Inverse Kinematics Problem in Changing Task Environment.** The 12th Scandinavian AI conference. Vol 257, p. 299-302, 2013.

Conferences

- **The 3rd IEEE Workshop on Bio-Inspired Signal and Image Processing, Vilnius, Lithuania, 2014.** Multi-agent Neural Network Approach on Inverse Kinematics Problem in Changing Task Environment.
- **The 12th Scandinavian AI conference, Aalborg, Denmark, 2013.** Learning Inverse Kinematics Problem in Changing Task Environment.
- **Numerical Computations: Theory and Algorithms, Falerna, Italy, 2013.** Learning Motion Patterns of Robotic Arm.