Paulo Eduardo Rauber

Netherlands, 2015.
✉ *pauloeduardorauber@gmail.com*

Research interests

Machine learning, information visualization, reinforcement learning, neural networks.

Education

2012– **PhD in Computer Science (in progress)**, *State University of Campinas (Brazil) and University of Groningen (Netherlands) – Joint degree.*
Supervised by Dr. Alexandre X. Falcão, Dr. Alexandru C. Telea, Dr. Pedro Jussieu de Rezende and Dr. Jos B.T.M. Roerdink.

2008–2011 **Bachelor's Degree in Computer Science**, *Federal University of Santa Catarina (Brazil)*.

Main publications

2013 P. E. Rauber, A. X. Falcão, T. V. Spina, and P. J. de Rezende, *"Interactive Segmentation by Image Foresting Transform on Superpixel Graphs,"* in Workshops of SIBGRAPI 2013, E. J. Y. C. C. Alex Cuadros-Vargas, Ed., Arequipa, Peru, August 2013.

Other publications

2015 P. E. Rauber, R. R. O. d. Silva, S. Feringa, M. E. Celebi, A. X. Falcão, and A. C. Telea, *"Interactive Image Feature Selection Aided by Dimensionality Reduction,"* in EuroVis Workshop on Visual Analytics (EuroVA). The Eurographics Association, 2015.

2015 R. R. O. d. Silva, P. E. Rauber, R. M. Martins, R. Minghim, and A. C. Telea, *"Attribute-based Visual Explanation of Multidimensional Projections,"* in EuroVis Workshop on Visual Analytics (EuroVA). The Eurographics Association, 2015.

Student supervisions

2015 F. Heikamp, *"Comparison of feature selection techniques in real and synthetic data,"* Bachelor's thesis, University of Groningen, Netherlands, 2015. Supervisors: Dr. Alexandru C. Telea and Paulo E. Rauber.

2015 S. Feringa, *"Comparison of features used in automatic skin lesion classification,"* Master's thesis, University of Groningen, Netherlands, 2015. Supervisors: Dr. Alexandru C. Telea and Dr. Michael H.F. Wilkinson. Advisor: Paulo E. Rauber.

Skills

Languages Portuguese and English.
Programming Python, C++ (GNU/Linux).

Personal

Born 1989, Brazil.