

Filip Mysliwec, *Detecting reinforcement and attention signals by extracting and classifying prosodic features of speech made by humans interacting with a humanoid robot.* Msc Thesis, Sept 2010, University of Hertfordshire.

This project provides results on investigation of automatic extraction of reinforcement signals based on the prosodic features of the speech. The main idea was to find out patterns that appear in the speech during expressing reinforcement signal and classifying them according to the specific assigned classes. This project will provide results on investigation on combinations of classification and clustering algorithms with prosody feature sets and ways of words extraction. This project will embrace the results of the classification and clustering as well and provides summary and discussion on the performance obtained and possible future extensions.