Team leader name	Karol Wegrzyki
Team leader address, phone number and email	Warsaw Banacha 2a pok. 4260 kw305874@students.mimuw.edu.pl
Rest of team members	
Team website URL (if any)	http://paal.mimuw.edu.pl/

General method description	I've calculated that number of pictures is not sufficient for efficient Deep Learning training procedure, hence I used already pretrained convolutional networks created by winners of many challanges and removed last layer. Then on that I've applied SVM, KNN, LR and One Vs Rest technique of multilabel training
References	http://caffe.berkeleyvision.org/ http://scikit-learn.org/stable/index.html

Describe features used or data representation model (if any)	4 different convolutional network trained on various of data and removed previous layer
Dimensionality reduction technique applied (if any)	None

Classifier or method used to train and validate your results (if any)	Logistic Regression ← fastest SVM ← slower
Large scale strategy (if any)	

Compositional model used (scene context representation), i.e. pictorial structure (if any)	None
Other technique/strategy used not included in previous items (if any)	None
Method complexity analysis	Depends on convolution network model.

Results of the comparison to other approaches (if any)	Fast KNN on pure images with extracted features from previous competitions – haven't even beat the benchmark.
Novelty degree of the solution and if is has been previously published	Novelity of solution: LOW ← practical usage of already well created solutions Novelity for hardware ← idea is to use Intel Xeon Phi cards to speed up evaluation of convolution network. It's in the are of interest of Intel R&D Poland. Great thing is that not many things has to be changed in caffe code

Human effort required for implementation, training and validation?	1 hour Training/Testing on 1 core machine is about 7-14 hours
Training/testing expended time?	
General comments and impressions of the challenge	Great challange that can serve as a good example of using Intel Xeon Phi cards and will be great excuse to conduct my reasearch on parallelization of Convolution Neural Network especially on those cards forward.