Stand Ups

22.05.2017:
- Sebastian:
  o Tried writing wrapper class for image with meta data and what it has been classified as before
  o decision tree with different classifiers as node
  o --> No wrapper, better list of previous labels or array
  o Next: work further on that

- Kai:
  o Debugged main class
  o Next: Get one submission with current model

- Riccardo:
  o Tried out kernel with simple conv net (128,128) with 10 fold cval didn't improve much
  o Fractals of nature is currently best (blending two results together or only using one) Xtra 3 regressor & Xgboost, blending is better
  o Next: work with more complex conv net and see if it has impact on performance, maybe fine-tune one based on ImageNet

- Alejandro:
  o Got 2nd xgboost to work, worse performance
  o Next: check where xgboost fails, find out for what it works specifically, maybe to make a more reasonable integration into decision tree
  o Next: convert excel of Germonda to python (or Germonda does it)
  o Next: Xgboost can be optimized further, but params are hard to understand, maybe just use hyperopt to find good params
  o But it's currently 1 vs all so run 16 times so question is whether it is easy to optimize

- Lisa:
  o Ensemble
  o Next: test ensemble

  o Next: include also csv files in ensemble
  o Next: change to hdf5 (also train.csv, and test, train)

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- Germonda:
    - o Getting higher resolution and nirs
    - o Run training over night but adding higher res and nirs didn't improve very much
    - o Next: do result analysis in python
    - o Next: where in the image does the cnn decide, so maybe that's useful