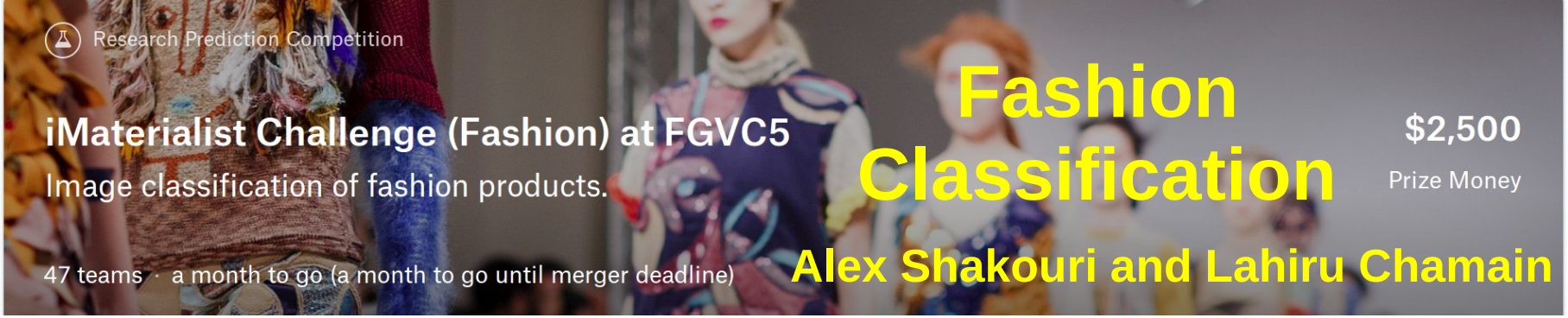

- Dataset:
  - Provided by Kaggle challenge
    - Training, validation and test sets
  - Training set - 1,0145,444 images of size ~500x500
  - Total of 288 labels provided
    - Supervised learning
- Problem:
  - Generate labels for input images (clothing)
    - Depending on lighting, color, shape, texture, etc.
    - Images can have different lighting, angles, backgrounds and occlusions

- Approach:
  - Pre-processing
    - Gamma correction, normalization, background removal, etc.
  - Model
    - CNN's (good for images!)
- Experimentation:
  - Best features to use - SIFT, HOG, etc.
  - Bias-variance tradeoff
  - Types of CNN's
    - U-net, FCNN, etc.
- Tools:
  - Python, Tensorflow, pandas, etc

Random Samples from training set