# Design for Windmill Artifact Scorer Application (WMAS-App)

## Some big ideas – 4/2/23

* Use deep learning to improve the scorer
  + It will require using python processing, to allow back propagation
* Collecting user-scored ROIS for tuning the application
* Showing more intermediary data in server ImageR
* Using more hints for detection & scoring
  + Curvature of WMA
  + Continuity & Changes between slices

## WM-ASS and GP-ASA – 13/1/23

Same general structure may apply for different scorers

WMAS is just a scorer in the global GP-ASA

## Basic Wanted Functionality – 8/1/23

1. Load 2 images volumes
   1. High Resolution
   2. Low resolution
2. Identify WMA
3. Score by severity
4. Work both with GUI and as command-line
5. Score for specific areas in each image
6. Check all images in volume
7. Check many volumes in parallel directory trees