status and plan for 2015

- Higgs self-coupling
 - collaboration with Claude and Masakazu
 - ▶ short-term: update vvHH @ 1 TeV analysis including overlay and mH=125 GeV, towards one publication
 - mid-term: improve ZHH @ 500 GeV with kinematic fitting, matrix element method, cut re-optimization, etc.
 - combine HH—>bbbb and HH—>bbWW*
- Matrix element method
 - continue development with more complement set of e+e- processes
 - try to implement detector transfer function and apply for analysis
- Color-singlet jet clustering
 - investigate the implementation of color correlation inside Pythia; to understand how color-singlet characteristics are implement in generator
 - combine the previous effort on Georgi Jet Clustering and Color-singlet Jet Clustering.