

# $h \rightarrow \tau^+ \tau^-$ BR Study Status

Shin-ichi Kawada

- Work in progress on 500 GeV  $e^+ e^- h$  and  $\mu^+ \mu^- h$ 
  - event reconstruction: lepton finding + tau finder (not used kT)
  - try to perform Cut-based and TMVA both
- Next works: get the results of 500 GeV  $e^+ e^- h$  and  $\mu^+ \mu^- h$ 
  - this work will be done in next week
  - separation study for 500 GeV  $\nu \bar{\nu} h$
  - writing documents (paper & thesis)