

# Status report

- JPS meeting

“Tau reconstruction in  $e^+e^- \rightarrow \tau^+\tau^-$  at the ILC-250 ”

Komamiya-san's question

In the actual experiment,  $m_{\tau\tau}$  cut is not possible, what do you do in that case?

A. We are now in the stage to check if the cone/midpoint method works for high-mass  $\tau\tau$  and we will see if it works in other region of  $m_{\tau\tau}$ .

Ishikawa-san's question

What about the case of ISR?

A. We will apply our method to radiative return events with visible photon

- Migration from python to C++

almost done, however polarimeters are sometimes "-nan" or 0 and

I found 4-mom of  $\pi^\pm$ ,  $\pi^0 = (0,0,0,0)$  at that time.

I'm now investigating this problem and also planning to include impact parameter method.