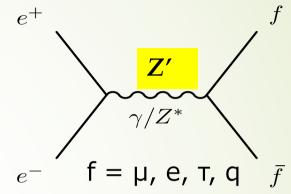
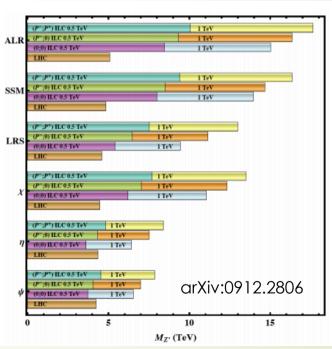
Plan of 2-fermion process

Hiroaki Yamashiro (Kyushu University)

Purpose of 2-fermion process study

- Purpose: Search of heavy neutral gauge boson Z'
- @|LC
 - Measure interference effect
 - Zff coupling, angular, distribution etc..
 - Determinate new physics model
- Favorable at more than 500 GeV, but certainly meaningful starting from 250 GeV





My status: Making Marlin processor for Z -> μμ process

My schedule

- April
 - Construct my processor for Z -> μμ process and study.
- May
 - If study of Z→µµ process is finished,) start the study of other process.
- June
 - Summarize research results
 - Report the results at AWLC@SLAC