

**Nuclear/Particle Seminar**  
**Wednesday September 8th, 2004**  
**4:00 pm 705 Pupin Hall**  
**Dr. Yuji Enari of**  
**Nagoya University**

**Search for New Physics in Lepton flavor  
violating Tau Decays at Belle**

I will report mainly on a search for lepton-flavor violating (LFV) tau decays involving  $\pi^0 + \eta + \eta'$  final states. The analysis is based on a sample of  $153 \text{ fb}^{-1}$ , which was recorded by the Belle detector at the KEKB  $e^+e^-$  asymmetric-energy collider. I will also present searches for other possible LFV tau decays, and discuss the relationship of our results to SUSY parameters.