participants: Y. Aoki, T. Mizuno, K. Yumino, J. Nakajima, Y. Kato, K. Fujii, D. Jeans, K. Hidaka, T. Suehara, J. Tian

— announcement:
- get subscribed to mailing lists of IDT WG3-Physics groups
- ILC tutorial on next Monday, get KEKCC account in advance

— focused talk: radiative return process at ILC250 e+e- -> gamma Z by T. Mizuno
- jet energy calibration by kinematical reconstruction of jet energy from jet angles, masses and photo angles
- full simulation, ILD DBD model
- samples 2f_z_h, generic e+e- -> 2-quark, two peaks seen one at M_z one at \sqrt{s}
- photon selection, Pandora Photon PID, E>50, recovery of split clusters
- method for excluding events with wrongly selected photons, 99.5% signal photon, 0.5% wrong photon
- jet energy reconstruction method: 4-momentum conservation, input: jet angles, masses, photon angles; output: momentum magnitude of two jets, signal photon, extra ISR
- jet energy resolution: fit with two gaussian, base and core gaussian.
- studied JER as a function of jet energy or jet angle

Q: include neutrinos in the MC truth? Flavor dependence?
A: yes in previous definition, no in the new definition for studying pure detect effect; flavor dependence studied previously, but to do for new definition

Q: PFO energy resolution?
A: to understand more in detail the pure detect effect better from particle by particle level

Q: jet angular distribution?
A: to answer next time

— roundtable
- study of e+e- -> gamma + higgs (Y. Aoki)
  progress: still working on MC uncertainty with a few bugs fixed

- tau polarization measurement in e+e- -> di-tau process (K. Yumino)
  progress: full event & selected events for mid-point and cone methods; investigating lepton selection efficiency; mid-point method seems not to add back lost efficiency
  next step: to investigate more the mid-point method; to reconstruct neutrino momentum using impact parameters

- study on right handed neutrino at ILC (J. Nakajima)
  progress: still working on analyzing background eexyyx;
  next step: apply same sign requirement for two electrons

- study of kinematic fit (Y. Kato)
  progress: performed top MC to valid kinematic fitting algorithm
  next step: producing signal samples H->aa->4b

— Next week's long talk: K. Yumino