naturalness panel bullet points

- * blackboard items --- see photos
- * lam for higgs self couplings evolves to very small negative value, so maybe there is a symmetry that really wants lam=0. need to improve mt measurement.
- * ibanez paper
- * really light stops decaying to charm ,... compressed spectra that would not ever be seen at the lhc but maybe at ilc
- * of diagrams on board, all the multi top signals could not be reached by ILC, only the higssino pair production process would be ILC accessible.
- * so ILC mainly justified by Higgs a priori? deviations would imply something somewhere, but would we know enough to know what it meant?
- * 3 guarantees at ILC and one hope
 - a) higgs studies
 - b) t tbar threshold studies
 - c) tth production and top quark coupling to higgs;
 - d) at 500 gev marginal access to h*-> hh triple higgs coupling
- * if stop squark is the key to naturalness, maybe need 33 tev LHC
- * 3000 fb-1 a LHC --- what does it buy you?
- \star 500 million to japan ilc is only 50 million per year over 10 years; of course there is manpower \dots from us
- * higgs to invisible and cdms events, ilc can reach 5% br and that could be very key.