Concluding Remarks

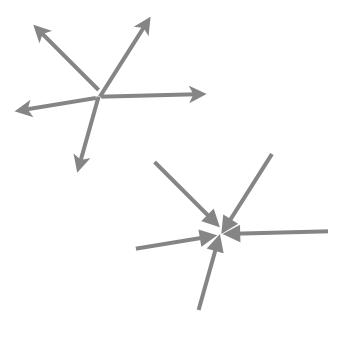
Taku Yamanka Osaka Univ., Japan

Next Particle Physics

- studies new physics beyond SM because there got to be one!
 - $E = mc^2$: energy frontier
 - $\Delta E \Delta t \sim h$: Intensity Frontier
 - Probe beyond the energy limit
 - Study flavor structure of New Physics
 - Dark matter

Science needs:

- diversity
- multiple angles of view
- multiple experiments
- because
 - experimentalists don't necessarily agree
 - theorists are NOT always right, and
 - we do NOT know where the Truth lies



Diversity

- is not expensive
- order(s) of magnitude differences in €
 between Energy frontier experiment,
 Super B, phi, K experiments
- Yet, they are all sharp knives to cut into the new physics

Future B factories

- Belle + BaBar : great success
- LHCb : coming up

- Super B @INFN
- Super KEKB
- Prove technology & Get funding

K experiments

- have made
 - precise measurements,
 - high sensitivity searches
- to
 - test the foundation of standard model physics
 - probe new physics beyond the SM

Next Kaon Experiments

- KLOE-2
- CERN NA48/3,4,5.....
- J-Parc Step 1, 2, ...
- Super φ
- Fermilab's next generation experiments

So, we should

- support/collaborate/compete each other within
 - Kaon physics community
 - Flavor Physics community
 - Particle Physics community
- all for discovering new physics beyond the standard model