# Summary of calorimeters

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#### Large Detector Kickoff Meeting overview of the Calorimeter what we have done what we have to do





### Particle Flow Algorithm







# Worldwide studies for LCCAL





# Large Detector is a concept

- Large Detector does not limit any other R/D's
- At this moment, we're a small group (Japan, Korea and Russia(JINR))
- We propose a scintillator based E & H-CAL



## What we have done

### fine segmented scintillator calorimeter





## What we have to do



 Silicon photon sensor development SiPM (Russia) DPPD (Japan) electronics optimization of detector Simulation

# What we have to do (cont'd)

construct a prototype module

• do test at beam