

## Wind flow in the KEKB tunnel

We have reduced the flow rate of air in the tunnel when we switched from the TRISTAN operation to the KEKB operation in order to avoid the turbulence of air flow and stabilize the temperature in the tunnel less than  $\pm 1^\circ\text{C}$ .

Current flow speed is about 1m/sec

Flow rate is about 70,000 m<sup>3</sup>/H for the cross section 5m<sup>W</sup>x4m<sup>H</sup>

Temperature variation in the KEKB tunnel in 3 days is shown below  
Measured with thermo-couples at 2 points in each 1/4 arc sections  
Variation is much less than  $\pm 1^\circ\text{C}$  except for green curve for 6H at day time

