

The 2nd CEBA/Saclay and KEK Workshop on
Superconducting Magnets and Cryogenics
for Accelerator Frontier

A message for Opening

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To be held at CEA/Saclay, March 28, 2008

First of All

- We would thank CEA/Saclay laboratory and Dr. Bertrand Baudouy to host the workshop.
- I would apologize my absence from this workshop.
- I would appreciate Nobuhiro Kimura to represent me to transfer our sincere thanks.

An Overview at KEK

Superconducting Magnet:

- J-PARC primary proton beam-transport magnets for the neutrino beam line (reported by N. Kimura)
 - Construction in progress. Production of superconducting magnets nearly complete
- LHC Luminosity upgrade (by K. Sasaki)
 - Nb₃Al conductor with Ta matrix in progress
 - A sub-scale race-track coil and magnet design in progress

An Overview at KEK (2)

Cryogenics:

- Basic study of Superfluid Helium (reported by S. Takada)
 - Cooperative work for heat transfer through insulation in superfluid helium (reported by Saclay),
 - Visualization of evaporating superfluid helium at $< 2\text{K}$,
 - In progress

- I wish the successful workshop from KEK.
- I would thank everybody to participate and contribute to the workshop and further fruitful cooperation in coming years.