



The Sixth KEK Topical Conference:
Frontiers in Particle Physics and Cosmology
(KEKTC6)

February 6-8, 2007

KEK, Tsukuba, 305-0801 Japan

<http://kektc6.kek.jp/>

updated on February 7, 2007

Poster Session

1. Teppei BABA (Tokai University):
Implication from μ - τ Symmetry for Leptonic CP Violation
2. Nobuhiro ISHIHARA (KEK):
Present status of DCBA for a neutrinoless double beta decay experiment
3. (canceled)
4. (canceled)
5. Michael KOHL (Massachusetts Institute of Technology):
Measurement of T-violating transverse muon polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ decays
6. Kazumasa OHKUMA (Fukui University of Technology):
Studying possible CP-violating Higgs couplings via $\mu \bar{\mu} \rightarrow t \bar{t}$
7. Shoichi ICHINOSE (University of Shizuoka):
CP-Violation in Higher Dimensional Models
8. Andrew Gerard AKEROYD (National Cheng Kung University):
Effect of H^\pm on $B^\pm \rightarrow \tau^\pm \nu_\tau$ and $D_s^\pm \rightarrow \mu^\pm \nu_\mu$
9. Shinta KASUYA (Kanagawa University):
Line and diffuse gamma rays from MeV moduli

10. Bo XIN (Purdue University):
Charm Semileptonic Decays at CLEO
11. Daisuke NOMURA (KEK):
Improved predictions for $g-2$ of the muon and $\alpha_{QED}(M_Z^2)$
12. Shigeki MATSUMOTO (KEK):
Hunting for the Top Partner in the Littlest Higgs Model with T-parity at the LHC
13. Michihisa TAKEUCHI (KEK/YITP):
The measurement of the $q_L q_L$ production cross section at LHC
14. Masataka MASUDA (Tokyo Institute of Technology):
Development of a silicon pixel detector for the Ashra Trigger Sensor
15. Masataka MASUDA (Tokyo Institute of Technology):
A torsion balance for probing a non-standard force in the sub-micrometer range
16. Masaki ASANO (Graduate University for Advanced Studies):
Contributions to rho parameter from heavy gauge bosons in littlest Higgs model with T-parity
17. Siew-Phang NG (University of Toronto):
Gauge mediation from emergent supersymmetry
18. Kentarou MAWATARI (Korea Institute for Advanced Study):
Spin Analysis of Supersymmetric Particles
19. Hiroaki SUGIYAMA (KEK):
Will MINOS see new physics?
20. Minoru NAGAI (ICRR, University of Tokyo):
New Two-loop Contributions to Hadronic EDMs in the MSSM
21. Ken-ichi SENDA (Graduate University for Advanced Studies):
The earth matter effect in the Tokai-To-Kamioka-and-Korea neutrino experiment
22. Mayumi AOKI (KEK):
Lepton Flavour Violating τ Decays in the Left-Right Symmetric Model

Prizes were awarded to the following presentations on the ballot at the poster session in the evening of February 6 (Tue), 2007.

- the best poster:
 - Siew-Phang NG (University of Toronto)
“Gauge mediation from emergent supersymmetry”
- the second prize:
 - Michael KOHL (Massachusetts Institute of Technology)
“Measurement of T-violating transverse muon polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ decays”
 - Shigeki MATSUMOTO (KEK)
“Hunting for the Top Partner in the Littlest Higgs Model with T-parity at the LHC”

KEKTC6 Local Organizing Committee, February 7, 2007