

## Conference Program

**November 20 (Tuesday), 2001**

Chairperson: M. Kobayashi (KEK)

08:45-08:55	H. Sugawara (KEK)	Opening address
	T. Kajita (ICRR Tokyo)	Super-Kamiokande - the accident and the recovery plan -

**[Physics in B Factories]**

08:55-09:35	A.F. Falk (Johns Hopkins)	CKM overview
09:35-10:05	Y. Sakai (KEK)	Result at Belle - B decay time evolution analysis -
10:05-10:35	H. Yamamoto (Tohoku)	Other B physics results from Belle

Chairperson: T. Browder (Hawaii)

10:50-11:20	A. Mazzone (Roma I)	Time dependent measurements with BaBar at PEP II
11:20-11:50	S. Willocq (Massachusetts, Amherst)	Rare hadronic and radiative penguin B decays at BaBar
11:50-12:20	A. Bornheim (Caltech)	CLEO - recent results and future prospects

Chairperson: W. Trischuk (Princeton)

**[B Physics from High Energy Machines]**

13:30-14:00	F. Palla (INFN, Pisa)	Recent B physics results from LEP and SLC
14:00-14:30	V. Papadimitriou (Texas Tech)	Tevatron B-physics: recent results and prospects

**[Theoretical B Physics]**

14:30-15:00	M. Beneke (RWTH Aachen)	Exclusive non-leptonic B decays from QCD
15:00-15:25	H-n. Li (Academia Sinica)	PQCD approach to exclusive B decays

Chairperson: K. Kinoshita (Cincinnati)

15:45-16:15	T. Onogi (YITP Kyoto)	Lattice QCD results on B physics
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**[Prospects for the Future B Physics]**

16:15-16:45	Y. Nir (Weizmann Inst.)	New flavor physics and CP violation with future B factories
16:45-17:15	O. Schneider (Lausanne)	Future B physics prospects at hadron colliders
17:15-17:45	M. Yamauchi (KEK)	Search for BSM with $L > 10^{35}$ KEKB

**November 21 (Wednesday), 2001**

Chairperson: R. Saakyan (UC London)

**[Low-energy Neutrino Physics]**

08:45-09:30	E. Lisi (Bari U. & INFN)	$\nu$ mixing phenomenology
09:30-10:00	G. Guillian (Maryland)	Solar neutrino measurements from Super-Kamiokande I
10:00-10:35	R. Helmer (TRIUMF)	Solar neutrino measurements from the Sudbury Neutrino Observatory

Chairperson: M. Nakamura (Nagoya)

10:50-11:35	F. Suekane (Tohoku)	The KamLAND experiment
11:35-12:20	J. Link (Columbia)	Short baseline neutrino oscillations and MiniBooNE

Chairperson: E. Lisi (Bari U. & INFN)

**[Theoretical Neutrino Physics]**

13:30-14:15	H. Murayama (UC Berkeley)	GUT, neutrinos, and leptogenesis
14:15-14:40	M. Aoki (KEK)	Physics potential of future long baseline neutrino oscillation experiments with KEK-JAERI HIPA
14:40-15:05	J. Sato (Kyushu)	Oscillation-enhanced search for new interaction with neutrinos

Chairperson: R. Helmer (TRIUMF)

**[High-energy Neutrino Physics]**

15:25-15:50	M. Miura (ICRR Tokyo)	Results from Super-Kamiokande and K2K
15:50-16:15	T. Kobayashi (KEK)	The JHF neutrino experiment
16:15-16:40	R. Saakyan (UC London)	Status of MINOS experiment
16:40-17:05	M. Nakamura (Nagoya)	Report on the status of CNGS experiments
17:05-19:30	— <b>Poster Session</b> —	

**November 22 (Thursday), 2001**

Chairperson: Y. Kuno (Osaka)

**[Physics in Muon Decays]**

08:45-09:25	J. Hisano (KEK)	Probing physics beyond the standard model using lepton
09:25-09:50	W. Molzon (UC Irvine)	Current status of the MECO experiment at BNL
09:50-10:15	T. Mori (ICEPP Tokyo)	Status and future of $\mu \rightarrow e\gamma$ : the PSI experiment

Chairperson: S. Kettell (BNL)

10:35-11:00	P. Debevec (Illinois)	The new muon g-2 experiment
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**[Physics in Strange/Charm Decays]**

11:00-11:40	J. Link (Columbia)	Recent results in charm mesons
11:40-12:05	A. Di Domenico (Rome, La Sapienza)	Recent results from KLOE at DAΦNE

Chairperson: W. Molzon (UC Irvine)

13:30-13:55	I. Wingerter-Seez (LAL-Orsay and LAPP-Annecy)	A new measurement of $\text{Re}(\varepsilon'/\varepsilon)$ by the NA48 experiment at CERN and future plans
13:55-14:20	Y.B. Hsiung (FNAL)	FNAL kaon results and future plans
14:20-14:45	S. Kettell (BNL)	Kaon physics at BNL
14:45-15:10	J. Imazato (KEK)	Kaon physics at KEK

**[Future Prospects and Summary]**

15:10-15:40	Y. Kuno (Osaka)	Flavor physics at JHF
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Chairperson: A.I. Sanda (Nagoya)

16:00-16:45	H.R. Quinn (SLAC)	Conference summary
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## — Poster Session —

1. M. Nagashima (Ochanomizu):  
Vector-like quark model and B physics
2. E. Kou (Durham):  
 $B \rightarrow K\eta^{(\prime)}$  decay in perturbative QCD
3. T. Yoshikawa (North Carolina):  
Measurement of the lifetime difference of  $B_d$  mesons: possible and worthwhile?
4. S. Oh (Yonsei):  
Measurement of  $|V_{ub}|$  in quasi-inclusive charmless  $B \rightarrow \pi X$  decays
5. S. Oh (Yonsei):  
Decays  $B \rightarrow \eta' K$  in R-parity violating supersymmetry
6. A. Akeroyd (KIAS):  
Direct CP asymmetry of  $b \rightarrow s\gamma$  and  $b \rightarrow d\gamma$  in models beyond the standard model
7. N. Yamada (KEK):  
 $B^0 - \bar{B}^0$  mixing in two-flavor dynamical lattice QCD
8. H. Matsufuru (YITP):  
Charmed hadron physics in quenched anisotropic lattice QCD
9. K. Ohkuma (Kobe):  
CP-violation via top quark anomalous couplings at  $\gamma - \gamma$  linear collider
10. K. Y. Lee (KIAS):  
Probing anomalous  $tbW$  and  $tsW$  coupling in rare B decays
11. <not presented>
12. A. Purwanto (Hiroshima):  
Numerical study on the correlation  
between CP violation in neutrino oscillations and baryogenesis
13. Y. Koide (Shizuoka):  
Prospects of the Zee model
14. S. Ichinose (Shizuoka):  
Mass hierarchy in the brane world
15. H. Fusaoka (Aichi Medical):  
Evolution of the universal seesaw mass matrices
16. T. Morozumi (Hiroshima):  
A relation between CP violation at low energies and leptogenesis
17. K. Matsuda (Ritsumeikan):  
How far can the SO(10) Two Higgs model describe  
the observed neutrino masses and mixings ?
18. N. Ishihara (KEK):  
Search for neutrinoless double beta decay with DCBA