$|V_{xb}|$ and $|V_{tx}|$

A workshop on semileptonic and radiative rare B decays

SLAC
Wednesday-Friday, December 4-6, 2002

Wednesday, December 4, 2002: Panofsky Auditorium

Session 0 **14:00 - 17:00**	**Overview Talks**	**Chair: V. Luth**
14:00 - 14:45	Semileptonic B decay Methods	M. Wise
15:00 - 15:45	B physics with lattice QCD: status and prospects	A. El-Khadra
16:15 - 17:00	Probing New Physics in Rare Decays	J. Hewett

Dinner

Thursday, December 5, 2002: Orange Room

Session 1 **09:00 - 10:30**	**Exclusive semileptonic decays I**	**Chair: U. Langenegger**
Theory 1	$\|V_{cb}\|$ from exclusive semileptonic B decays	B. Grinstein (phone)
Exp. 1	B -> D*lnu, branching fraction and $\|V_{cb}\|$	C. Borean (for M. Rotondo)
Exp. 2	Form factors in B -> D*lnu	M. Gill
Exp. 3	B -> D**lnu branching fraction	A. Hauke
Discussion	High-mass charm states	all

Coffee Break

Session 2 **11:00 - 12:30**	**Inclusive radiative rare decays**	**Chair: M. Convery**
Theory 1	Calculations of BR(B -> X_s gamma)	M. Misiak
Exp. 1	b -> s gamma, semi-inclusive	F. Di Lodovico
Exp. 2	b -> s gamma, inclusive with lepton or BRECO tag	C. Jessop
Theory 2	Extracting $\|V_{ub}\|$ from b -> s gamma	A. Leibovich

Lunch Break

Session 3 **14:00 - 15:30**	**B > X_s l^+l^-**	**Chair: Z. Ligeti**
Theory 1	B -> K,K* l^+l^-	G. Burdman
Exp. 1	B -> K,K* l^+l^-	J. Berryhill
Theory 2	Theory aspects of b->s l^+l^- decays	G. Hiller
Exp. 2	b -> s l^+l^- inclusive	S. Willocq

Coffee Break

Session 4 **16:00 - 18:00**	**Inclusive semileptonic decays I**	**Chair: A. Kronfeld**
Exp. 1	b -> c l nu, lepton energy moments	T. Brandt
Exp. 2	b -> c l nu, hadron mass moments	O. Buchmueller
Theory 1	b -> c l nu moments and $\|V_{cb}\|$	A. Manohar
Theory 2	Heavy Quark Parameters from Inclusive Semileptonic Decays	N. Uraltsev

Reception

Friday, December 6, 2002: Orange Room

Session 5 **09:00 - 10:30**	**Inclusive semileptonic decays II**	**Chair: A. Falk**
Theory 1	Getting rid of the Fermi motion by choosing the proper kinematical variable	M. Ciuchini (phone)
Exp. 1	b -> u l nu: endpoint spectrum	V. Luth
Exp. 2	b -> u l nu: hadronic recoil mass	D. del Re
Exp. 3	b -> u l nu: q^2 vs. E_l	B. Kowalewski

Coffee Break

Session 6 **11:00 - 12:30**	**Exclusive semileptonic decays II**	**Chair: N. Roe**
Exp. 1	B -> D* tau nu	M. Mazur
Exp. 2	B -> rho l nu	T. Brandt (for L. Wilden)
Exp. 3	B -> pi l nu	A. Weinstein
Theory 1	New developments	S. Fleming

Lunch Break

Session 7 **14:00 - 15:30**	**Exclusive rare radiative decays**	**Chair: C. Bauer**
Theory 1	B -> K*/rho gamma at NLO from QCD factorization	S. Bosch
Exp. 1	B -> rho,K* gamma	M. Convery
Exp. 2	B -> K** gamma	Q. Guo
Theory 2	B -> K** gamma	D. Pirjol

Coffee Break

Session 8 **16:00 - 17:30**	**Leptonic B decays**	**Chair: B. Kowalewski**
Exp. 1	B -> s nu nubar	P. Jackson
Exp. 2	B -> mu nu	T. Moore
Exp. 3	B -> l nu gamma	G. Dubois-Felsmann
Summary	**Summary Talk**	H. Quinn