



## Tuesday 12 December 2006

09:30 -> 11:00 **Plenary-1** (Chair: T. Iijima ) (Location: Hall-A)

Description: Opening / Overview

09:30	Welcome (05')	T. Kondo ( <i>Nagoya</i> )
09:35	Opening Remarks (05')	T. Iijima ( <i>Nagoya</i> )
09:40	Overview (angle); CP Violation. State of the Art and Prospects (40')	F. Ferroni ( <i>Roma La Sapienza &amp; INFN</i> )
10:20	Flavour physics at CERN (40')	T. Nakada ( <i>CERN/EPFL</i> )

### 11:00->11:30 Coffee Break

11:30 -> 13:00 **WG2-12-AM2** (Chair: A. Limosani ) (Location: Hall-C)

Description: Inclusive Vub

11:30	exp: Incl. Vub B factories (15')	W. Ehrenfeld
11:48	theo: DGE (15')	E. Gardi
12:06	theo: BLNP (15')	G. Paz
12:24	theo: Weighting functions (15')	B. Lange
12:42	theo: Soft-gluon resummation NNLO (10')	G. Ferrera

11:30 -> 13:00 **WG4-12-AM2** (Chair: E. Kou ) (Location: Hall-B)

Description: Theoretical models

11:30	QCDF (most recent improvements) (th.) (15')	Mattias Neubert
11:48	PQCD (most recent improvements) (th.) (15')	Satoshi Mishima
12:06	SCET+ZBIN (most recent improvements) (th.) (15')	Iain Stewart
12:24	Charming penguin (most recent improvements) (th.) (15')	Maurizio Pierini
12:42	QCDSR (most recent improvements) (th.) (15')	Blazenska Melic

11:30 -> 13:00 **WG6-12-AM2** (Chair: P. Koppenburg ) (Location: Hall-A)

Description: CKM fits

11:30	UTfit: the SM fit (18')	G. Martinelli ( <i>Roma U. La Sapienza</i> )
11:52	CKMfitter: the SM fit (18')	K. Trabelsi ( <i>KEK</i> )
12:14	UTfit: beyond SM fits (18')	M. Bona ( <i>Annecy U.</i> )
12:36	CKMfitter: beyond SM fits (18')	H. Lacker ( <i>Dresden U.</i> )

### 13:00->14:30 Lunch

14:30 -> 16:00 **WG4-12-PM1** (Chair: H. Ishino ) (Location: Hall-B)

Description: Other modes from Exp

14:30	e+e- -> M1 M2 and power corrections in B decays (15')	Alex Kagan
14:45	B->KsKs & other hadronic b->d (exp.) (16')	Jed Biesiada ( <i>BABAR</i> )
15:05	B->VV (phi K*) (16')	Kai-Feng Chen ( <i>Belle</i> )
15:25	B->VV (rho K* & other rare VV) (16')	Georges Vasseur ( <i>BABAR</i> )
15:45	B->VV mode and B->baryons (th.) (16')	George W.S. Hou

14:30 -> 16:00 **WG5-12-PM1** (Chair: K. Trabelsi ) (Location: Hall-A)

Description: gamma/phi3 with DK (part 1)

14:30	Theoretical review (17')	J. Zupan
14:50	D0*(Kspipi)K*(*)+ analysis (Belle) (15')	A. Poluektov
15:10	D0*(Kspipi)K*(*)+ analysis (BaBar) (15')	F. Martinez-Vidal
15:30	K-matrix (D amplitude model) (15')	S. Descotes-Genon
15:50	New Physics in D Decays (08')	A. Kagan

14:30 -> 16:00 **WG6-12-PM1** (Chair: G. Isidori ) (Location: Hall-C)

Description: Theory models

14:30	Next to MFV (25')	M. Papucci ( <i>UC Berkley</i> )
15:00	Flav. Phys. in Little-Higgs models (25')	A. J. Buras ( <i>Munich TU</i> ), C. Tarantino ( <i>Munich TU</i> )
15:30	Rare K-decays beyond the SM (25')	F. Mescia ( <i>INFN Frascati</i> )

### 16:00->16:30 Coffee Break

16:30 -> 18:00 **WG1-12-PM2** (Chair: M. Artuso ) (Location: Hall-C)

Description: Vud

16:30	Status of Vud extraction from nuclear beta decays + Summary of Vud (30')	J.C. Hardy
17:05	Neutron beta decays : status and future of beta-asymmetry (exp.) (20')	T. Ito
17:30	Neutron lifetime review: status and future (exp.) (20')	T. Ito for D. Bowman

16:30 -> 18:00 **WG3-12-PM2** (Chair: V. Lubicz ) (Location: Hall-B)

16:30	New lattice results for B_K from the UKQCD + RBC Collaboration (15')	Saul Cohen
16:50	B(B->(rho,omega)gamma)/B(B->K* gamma) from light-cone sum rules (15')	P. Ball
17:10	Inclusive B->X_s gamma: Total width and spectrum (15')	E. Gardi

16:30 -> 18:00 **WG5-12-PM2** (Chair: K. Trabelsi ) (Location: Hall-A)

Description: gamma/phi3 with DK (part 2)

16:30	Model independent approach (15')	A. Poluektov
16:50	CP tagged D Dalitz analyses+Dmixing (20')	D. Asner
17:15	gamma with D0(Kspipi)K*0(K+pi-) (15')	V. Sordini
17:35	Experimental review ADS+GLW (20')	P. Krokovny



## Wednesday 13 December 2006

09:00 -> 11:00 **Plenary-2** (Chair: P. Gambino) (Location: Hall-A)

Description: Future Prospect (1)

09:00	Overview: Side Measurements (40')	B. Grinstein ( <i>UC San Diego</i> )
09:40	Flavor Physics at J-Parc (40')	T. Yamanaka ( <i>Osaka</i> )
10:20	Flavour physics in LHC era (40')	A. Masiero ( <i>Padova &amp; INFN</i> )

11:00 -> 11:30 **Coffee Break**

11:30 -> 13:00 **WG2/3/6-13-AM2** (Chair: A. Limosani) (Location: Hall-A)

Description: b->s gamma

11:30	b -> s gamma measurements from B factories (15')	M. Nakao
11:48	b -> s gamma branching fraction NNLO (15')	P. Gambino
12:06	b -> s gamma moments, BF (15')	T. Becher
12:24	b -> s gamma new results (15')	M. Neubert
12:42	b->s+ ll/missing energy at B-factories (15')	M. Iwasaki ( <i>U. Tokyo</i> )

11:30 -> 13:00 **WG4-13-AM2** (Chair: H. Ishino) (Location: Hall-B)

Description: alpha - phi2 (I)

11:30	Introduction to phi2 from charmless decays (including isospin analysis, the isospin breaking effect, new modes etc...) (th.) (16')	Blazenka Melic
11:50	pipi (exp.) (16')	Adrian Bevan ( <i>BABAR</i> )
12:10	rho rho (exp.) (16')	Alexandre Somov ( <i>Belle</i> )
12:30	Extraction of alpha -- phi2 (I) (st.) (10')	Stephane T'Jampens
12:40	Extraction of alpha -- phi2 (II) (st.) (10')	Vittorio Lubicz
12:50	Discussion (10')	

11:30 -> 13:10 **WG5-13-AM2** (Chair: G. Cavoto) (Location: Hall-C)

Description: sin(2beta+gamma [2phi1+phi3])

11:30	Extraction of 2beta+gamma from B to D pi and related decays (15')	Cheng-Wei Chiang
11:48	Dpi/Drho exp statuts (BaBar) (15')	S. Ganzhur
12:06	r_dpi determination with SU(3) (22')	M. Baak
12:31	Exp review (Belle) (15')	K. Abe
12:49	2b+g with TD Dalitz analysis Dkspi (15')	F. Polci

13:00 -> 14:30 **Lunch**

14:30 -> 16:00 **WG3/6-13-PM1** (Chair: R. Itoh) (Location: Hall-A)

Description: Rare K-decays

14:30	The MFV hypothesis (25')	B. Grinstein ( <i>UC San Diego</i> )
15:00	Rare K decays within SM (18')	C. Smith ( <i>Bern U.</i> )
15:22	Future prospects on K-decays at CERN (15')	G. Ruggiero ( <i>CERN</i> )
15:41	Future prospects on K-decays at KEK (18')	HyoSang Lee ( <i>Pusan U.</i> )

14:30 -> 16:00 **WG2-13-PM1** (Chair: B. Lange) (Location: Hall-C)

Description: Inclusive Vcb

14:30	theo: 1S scheme (15')	M. Trott
14:48	exp: Global fit in 1S/Kinetic schemes Belle (15')	P. Urquijo
15:06	exp: Global fit in Kinetic scheme BaBar (15')	H. Flaecher
15:24	HFAG Semileptonic averages (10')	A. Limosani

14:30 -> 16:00 **WG4-13-PM1** (Chair: E. Kou) (Location: Hall-B)

Description: alpha - phi2 (II)

14:30	Estimates of phi2, (penguin, etc.) (16')	Jure Zupan
14:50	pi+pi-pi0; Belle (exp.) (16')	Chin-Chi Wang ( <i>Belle</i> )
15:10	pi+pi-pi0; BaBar (exp.) (16')	Gianluca Cavoto ( <i>BABAR</i> )
15:30	a1pi and other new modes (exp.) (16')	Fernando Palombo ( <i>BABAR</i> )

16:00 -> 16:30 **Coffee Break**

16:30 -> 18:00 **WG3/6-13-PM2** (Chair: U. Haisch) (Location: Hall-A)

Description: b->X\_s/d l+l-

16:30	b -> s gamma/ sll / Shape function (18')	Z. Ligeti ( <i>LBL Berkley</i> )
16:52	b -> s ll theory inclusive + beyond SM (18')	T. Ewerth ( <i>Bern U.</i> )
17:14	b -> s exclusive f.f. from Lattice (18')	F. Mescia ( <i>INFN Frascati</i> )
17:36	B->rho gamma & CKM fits with rad. modes (18')	G. Sciolla ( <i>MIT</i> )

16:30 -> 18:30 **WG1-13-PM2** (Chair: E. Lucia) (Location: Hall-C)

Description: Vus from kaons

16:30	NA48 results on kaon and hyperon decays relevant to Vus (exp.) (20')	M. Veltri
16:55	ISTRA+ results on kaon decays relevant to Vus (exp.) (20')	V. Romanovsky
17:20	KLOE results on kaon decays and summary status of Vus (exp.) (20')	T. Spadaro
17:45	Unquenched lattice calculations of f+(0) (th.) (20')	J. Zanotti
18:10	Analytic approaches to the calculation of f+(0) (th.) (20')	J. Portoles

16:30 -> 18:00 **WG5-13-PM2** (Chair: R. Fleischer) (Location: Hall-B)

Description: beta/phi1 from ccbar

16:30	Belle exp rev. (15')	Y. Nakahama
16:48	BaBar exp rev. (15')	K. George
17:06	NLO PQCD penguin pollution (15')	S. Mishima
17:24	theoretical prediction for sin2beta (15')	M. Ciuchini
17:42	constraint on new physics from gamma and Vub (15')	P. Ball



## Thursday 14 December 2006

09:00 -> 11:00 **Plenary-3** (Chair: Y. Sakai) (Location: Hall-A)

Description: Lattice QCD / Charm and Tau Physics at B/charm factories and other facilities

09:00	Lattice Flavourdynamics: Status and Prospects (40')	C. Sachrajda ( <i>Southampton</i> )
09:40	Impact of Charm Results on CKM Matrix (40')	D. Asner ( <i>Carleton</i> )
10:20	Tau Lepton Physics at B Factories (40')	S. Eidelman ( <i>BINP</i> )

11:00 -> 11:30 **Coffee Break**

11:30 -> 13:00 **WG3/6-14-AM2** (Chair: P. Koppenburg) (Location: Hall-A)

Description: Y(5S) & Super-B

11:30	CKM fits with future LHCb results (15')	V. Vagnoni ( <i>INFN Bologna</i> )
11:48	Y(5S) at Belle (15')	A. Schwartz ( <i>Cincinnati U.</i> )
12:06	Bs physics at super-B (15')	E. Baracchini ( <i>Roma U. La Sapienza</i> )
12:24	CKM fits at ILC-inspired super-flavour-factory (15')	M. Pierini ( <i>Wisconsin U. Masison</i> )
12:42	CKM fits at Super KEKB (15')	R. Itoh ( <i>KEK</i> )

11:30 -> 13:00 **WG2-14-AM2** (Chair: J. Dingfelder) (Location: Hall-B)

Description: Exclusive Vub

11:30	exp: Excl. B->Xu l nu Belle (12')	K. E. Varvell
11:45	exp: Excl. B->Xu l nu BaBar (12')	B. Viaud
12:00	exp: Excl. B->Xu l nu CLEO (12')	S. Stone
12:15	theo: Form factors from LQCD (12')	J. Flynn
12:30	theo: Form factors from LCSR (12')	P. Ball
12:45	theo: Dispersive relations (12')	I. Stewart

11:30 -> 13:00 **WG4-14-AM2** (Chair: M. Ciuchini) (Location: Hall-C)

Description: beta - phi1 (I)

11:30	Introduction to SM theoretical uncertainties in Delta S (th.) (16')	Emi Kou
11:50	Understanding eta'K branching ratios (th.) (16')	Jure Zupan
12:10	eta'K & [SU(3)] related modes (exp.) (16')	Jim Smith ( <i>BABAR</i> )
12:30	omega Ks + quasi-2-body modes (exp.) (16')	Koji Hara ( <i>Belle</i> )

13:00 -> 14:30 **Lunch**

14:30 -> 16:00 **WG3-14-PM1** (Chair: J. Kroll) (Location: Hall-D)

Description: b-hadron lifetimes

14:30	theo.: SM lifetime and lifetime differences (25')	Cecelia Tarantino ( <i>Munich</i> )
14:55	Results on B lifetimes from CDF (25')	Reid Mumford ( <i>JHU</i> )
15:20	Results on B lifetimes from D0 (25')	Breese Quinn ( <i>Univ. Mississippi</i> )

14:30 -> 16:00 **WG4-14-PM1** (Chair: T. Gershon) (Location: Hall-A)

Description: beta - phi1 (II)

14:30	Theory issues with Delta S in 3 body decays (th.) (16')	Hai-Yang Cheng
14:50	Ks vertex modes (Kspi0, Kspi0pi0, KsKsKs) (exp.) (16')	Yuan Chao ( <i>Belle</i> )
15:10	K+K-K0 TD DP analysis (exp.) (16')	Emmanuele Di Marco ( <i>BABAR</i> )
15:30	prospects for LHCb on Bs->phiphi, etc. (exp.) (16')	Jim Libby ( <i>LHCb</i> )

14:30 -> 16:00 **WG5-14-PM1** (Chair: J. Zupan) (Location: Hall-C)

Description: beta/phi1 (eff) measurements b -> cu-bar d and b -> cc-bar d

14:30	CPT/T violation (cc-bars and dileptons) (15')	R. Covarelli
14:50	Theoretical overview (20')	A. Datta
15:15	Exp. Review on D0h0 (20')	A. Gaz
15:40	Belle exp. Rev. (20')	S. Fratina

14:30 -> 16:00 **WG6-14-PM1** (Chair: G. Isidori) (Location: Hall-B)

Description: SUSY

14:30	Flav. phys. in SUSY beyond MFV (18')	L. Silvestrini ( <i>INFN Roma</i> )
14:52	Flav. phys. in SUSY at large tan(b) (18')	P. Paradisi ( <i>Valencia U.</i> )
15:14	B-> tau nu, B-> X tau nu (18')	Guglielmo de Nardo ( <i>INFN Napoli</i> )
15:36	Future prospects from Lattice QCD (18')	T. Onogi ( <i>Kyoto U.</i> )

16:00 -> 16:30 **Coffee Break**

16:30 -> 18:00 **WG2/3-14-PM2** (Chair: V. Lubicz) (Location: Hall-A)

Description: Semileptonic D/Ds decays and leptonic decays

16:30	exp: Semileptonic + leptonic D decays CLEO (20')	S. Stone
16:53	exp: Semileptonic D decays + B->tau nu Belle (15')	L. Widhalm
17:11	exp: Semileptonic D decays + B->tau nu BaBar (15')	A. Oyanguren
17:29	theo: Lattice / decay constants / form factors (15')	R. van de Water

16:30 -> 18:00 **WG5-14-PM2** (Chair: J. Zupan) (Location: Hall-C)

Description: Measurements of gamma/phi3 at hadron machines

16:30	Theoretical review of gamma/phi3 measurements with Bs decays to charm (25')	R. Fleischer
17:00	CP measurements in Bs decays to charm (CDF) (20')	A. Rahaman
17:25	Measurements of g at LHCb (20')	M. Patel

16:30 -> 18:00 **WG6-14-PM2** (Chair: R. Itoh) (Location: Hall-B)

Description: More rare decays

16:30	Rare B decays (in particular B->mm) at Tevatron (18')	M. Rescigno ( <i>Roma U. La Sapienza</i> )
16:52	Rare decay studies at LHCb (18')	J. Dickens ( <i>Cambridge U.</i> )
17:14	Atlas & CMS rare decays (18')	M. Tomoto ( <i>Nagoya U.</i> )
17:36	Flavor violation in minimal SUSY SU(5) models (18')	T. Yamashita ( <i>SISSA</i> )



## Friday 15 December 2006

09:00 -> 11:00 **Plenary-4** (Chair: M. Hazumi) (Location: Hall-A)

Description: Future Prospect (2) -- Super-B -- , Workshop Photo

09:00	Super-B (40')	M. Yamauchi ( <i>KEK</i> )
09:40	Round Table Discussions (1h00')	
10:40	Workshop Photo (15')	

### 11:00 -> 11:30 Coffee Break

11:30 -> 13:00 **WG3/5/6-15-AM2** (Chair: J. Kroll) (Location: Hall-A)

Description: B mixing

11:30	theo.: Lattice calculations for B and K mixing (25')	Nazario Tantalò ( <i>Rome</i> )
11:55	Experimental results on B mixing from CDF (25')	Franco Bedeschi ( <i>INFN-Pisa</i> )
12:20	Experimental results on B mixing from D0 (25')	Gernot Weber ( <i>Univ. Mainz</i> )

11:30 -> 13:30 **WG1-15-AM2** (Chair: T. Kaneko) (Location: Hall-B)

Description: Hyperons, tau and charm

11:30	Vus from kaon decays and CKM unitarity (20')	M. Moulson
11:55	Extracting Vus from hyperons (th.) (20')	G. Villadoro
12:20	Extracting Vus from tau decays (th.) (20')	K. Maltman
12:45	Recent results on tau decays (exp.) (20')	R. Dubitzky
13:10	Status and future perspectives on Vcs and Vcd (exp.) (20')	M. Artuso

11:30 -> 13:00 **WG4-15-AM2** (Chair: M. Ciuchini) (Location: Hall-C)

Description: gamma - phi3 (I)

11:30	The B -> pi K Puzzle: A Status Report (th.) (16')	Robert Fleischer
11:50	B->Kpi (incl. PHOTOS) (exp.) (16')	Elisabetta Barrachini ( <i>BABAR</i> )
12:10	use of 3 body decays (Bs, Bd and Bu) for determining gamma - phi3 (th.) (12')	Luca Silvestrini
12:25	gamma - phi3 from B->Kpipi (th.) (12')	Gabriel Guerrer
12:40	B->Kpipi (exp.) (16')	Pavel Krokovny ( <i>Belle</i> )

### 13:00 -> 14:30 Lunch

14:30 -> 16:00 **WG3/5/6-15-PM1** (Chair: P. Chang) (Location: Hall-A)

Description: phi\_s

14:30	NP in the Bs system (18')	Z. Ligeti ( <i>LBL Berkley</i> )
14:52	phi_s & Delta Gamma at Tevatron (18')	B. Casey ( <i>Brown U.</i> )
15:14	phi_s & Bs physics at LHCb (18')	J. van Hune ( <i>Lausanne U.</i> )
15:36	phi_s & Bs physics at LHC (18')	N. Magini ( <i>INFN Firenze</i> )

14:30 -> 16:00 **WG2-15-PM1** (Chair: T. Onogi) (Location: Hall-B)

Description: Exclusive Vcb

14:30	exp: B->D/D*/D**/D(*)pi measurements Belle (15')	T. Matsumoto
14:48	exp: B->D/D*/D**/D(*)pi measurements BaBar (15')	F. Simonetto
15:06	exp: B->D/D*/D**/D(*)pi measurements D0/CDF (15')	F. Lehner
15:24	theo: F(1), G(1) from LQCD (15')	R. van de Water

14:30 -> 16:00 **WG4-15-PM1** (Chair: T. Gershon) (Location: Hall-C)

Description: gamma - phi3 (II)

14:30	use of Bs decays for determining gamma - phi3 (th.) (15')	Cai-Dian Lu
14:48	B_{d,s} -> KK (th.) (15')	Sebastien Descotes-Genon
15:06	B->hh' at Tevatron (exp.) (15')	Giovanni Punzi ( <i>CDF</i> )
15:24	B->hh' at LHCb (exp.) (15')	Jacopo Nardulli ( <i>LHCb</i> )
15:42	use of U-spin analysis for determining phi3 (th.) (15')	Amarjit Soni

### 16:00 -> 16:30 Coffee Break

16:30 -> 17:50 **Plenary-5** (Chair: A. Stocchi) (Location: Hall-A)

Description: Historical Perspective

16:30	Neutral B Meson Mixing - a Historical Perspective (40')	J. Kroll ( <i>Penn</i> )
17:10	TBA (40')	A. I. Sanda ( <i>Kanagawa</i> )



## Saturday 16 December 2006

09:00 -> 10:45 **Summary-1** (Chair: T. Komatsubara ) (Location: Hall-A )

Description: Working Group Summary (1)

09:00	WG1 Summary (35')	V. Cirigliano ( <i>CalTech</i> )
09:35	WG2 Summary (35')	WG2 Convener
10:10	WG3 Summary (35')	U. Haisch (Zurich/FNAL), P. Chang (NTU)

10:45 -> 11:15 **Coffee Break**

11:15 -> 13:10 **Summary-2** (Chair: R. Forty ) (Location: Hall-A )

Description: Working Group Summary (2)

11:15	WG4 Summary (35')	WG4 Convener
11:50	WG5 Summary (35')	WG5 Convener
12:25	WG6 Summary (35')	WG6 Convener
13:00	Closing Remarks (10')	A. Stocchi ( <i>LAL</i> )