29th June 1998

Program of the 3rd International Conference
Hyperons, Charm and Beauty Hadrons

Palazzina S. Lorenzo – Porto Antico
Genova, Italy, June 30 – July 3, 1998

Monday, June 29, pm

16:00	19:00	Reception and Registration at the Conference Venue	

Tuesday, June 30

8:00	8:30	Registration	
		Session Chair: G. Manuzio	
8:30	9:00	Ceremonial session	
		Session Chair: M. Bozzo	
9:00	9:30	Baryon spectroscopy in the charm and beauty sectors using a renormalization group improved quark phenomenological model	C. Kalman (Montreal)
9:30	10:00	Charmed baryon results	J. O'Neill (Minnesota)
10:00	10:30	New results on B physics at SLD	D. Jackson (SLAC/RAL)
10:30	11:00	Status of the BTeV experiment at FNAL	J. Butler (FNAL)
11:00	**11:30**	**Break**	
		Session Chair: S. Ratti	
11:30	12:00	First physics results from SELEX (E781)	M. Iori (Rome)
12:00	12:30	Overview of FOCUS and a report on charmed mesons in FOCUS	D. Pedrini (Milano)
12:30	13:00	Neutrino induced charm production in the CHORUS experiment at CERN	O. Melzer (NIKHEF)
		LUNCH	
		Session Chair: C. Picciotto	
14:30	15:00	Latest B decay results plus latest meson results	M. Dickson (Cornell)
15:00	15:30	Heavy quark results from DØ	M. Adams (Illinois U.)
15:30	15:50	New measurements of V_{ub} and V_{cb} at DELPHI	P. Collins (CERN)
15:50	16:10	b and c semileptonic decays in OPAL	P. Gagnon (CERN/CRPP)
16:10	16:20	B decays to excited charm mesons	P. Colangelo (Bari)
16:20	**16:50**	**Break**	
		Session Chair: G. Dosch	
16:50	17:20	Measurements of R_c and R_b at LEP	M. Caccia (Milano)
17:20	17:30	Radiative decays of D–mesons	P. Singer (Technion)
17:30	17:40	Long and short distance contributions to the weak $D \to V l^+ l^-$ decays	S. Prelovsek (Ljubljana)
17:40	18:00	D^{**} production in b and c decays	C. Ferdi (Clermont–Ferrand)
18:00	18:10	Short distance and long distance QCD contributions to radiative decays, $B \to X_s + 2\gamma$ and $B_s \to 2\gamma$	Y.P. Ed Yao (Michigan U.)
18:10	18:20	Probing the Standard Model in rare $b \to s l^+ l^-$ decays	S. Simula (Sanità, Rome)

Wednesday, July 1

		Session Chair: J. McKenna	
8:30	9:00	W physics at LEP	M. Campanelli (ETH Zurich)
9:00	9:20	Spin alignment in heavy and light flavour systems in Z^0 decays	S. Robins (Technion)
9:20	9:40	Gluon splitting to $b\overline{b}$ and $c\overline{c}$ at the Z resonance	T. Boccali (Pisa)
9:40	10:00	A_{FB} for $b\overline{b}$ and $c\overline{c}$	E. Migliore (Torino)
10:00	10:20	Electroweak measurements with heavy quarks at SLD	V. Serbo (SLAC)
10:20	**10:50**	**Break**	
		Session Chair: P. Morettini	
10:50	11:20	Present status of charmonium spectroscopy in proton antiproton annihilations	M. Pallavicini (Genova)
11:20	11:50	Results from Fermilab charm experiment E791	M. Purohit (South Carolina U.)
11:50	12:10	Charmonium resonance formation in $\gamma\gamma$ collisions at LEP with the L3 detector	B. de la Cruz (CIEMAT, Madrid)
12:10	12:40	CP violation in $B \to J/\psi K^0_s$ decay	R. Hawkings (CERN/DESY)
12:40	12:55	New measurements of the J/ψ decay in nucleon–antinucleon	C. Bini (Roma)
		LUNCH	
		Session Chair: C. Caso	
14:30	15:00	The dynamics of quarkonium production	P. Hoyer (Nordita)
15:00	15:30	Recent results obtained by BES in charmonium physics	Xinhua Li (Beijing)
15:30	15:45	QCD sum rules calculation of heavy Λ semileptonic decay and heavy quark effective theory	H. G. Dosch (Heidelberg)
15:45	16:00	Total charm production cross section and production asymmetries in Σ^--Nucleus interactions at 340 GeV/c.	O. Thilman (Heidelberg)
16:00	16:15	Results on $D^{*\pm}$ production from CERN experiment WA92	C. Lazzeroni (Pisa)
16:15	**16:45**	**Break**	
		Session Chair: C. Tully	
16:45	17:15	Heavy vector meson production at HERA	C. Hilton (Manchester)
17:15	17:45	Open heavy flavour production at HERA	L. Gladilin (Hamburg U.)
17:45	18:15	Ligh–quark meson spectroscopy with Crystal Barrel	P. Blüm (Karlsruhe)
18:15	18:25	Charm production at HERMES	S. Brons (DESY)
18:25	18:35	Open B cross section from H1	S. Passaggio (ETH Zurich)
	20.30	**CONFERENCE BANQUET**	

Thursday, July 2

		Session Chair: E. Ramberg	
8:30	9:00	Results from HyperCP on the search for CP violation in hyperon decays	E. Dukes (Virginia U.)
9:00	9:20	Charmed baryon and semileptonic physics at FOCUS	B. O'Reilly (Colorado U.)
9:20	9:30	The new observation of S=-2 heavy H^+ stable dibaryon	P. Aslanyan (JINR)
9:30	9:40	Hyperons as collective excitations of chiral solitons	H. Weigel (Tübingen)
9:40	9:55	Hyperon production in Σ^-, neutron and pion interactions at 345 GeV/c in Hyperon experiment WA–89 at CERN	M. Zavertyaev (Lebedev, Moscow)
9:55	10:15	The latest experimental results of the experiment E687	G. Boca (Pavia)
10:15	10:25	Weak radiative hyperon decays and vector meson dominance	P. Zenczykowski (Kracow)
10:25	**10:55**	**Break**	
		Session Chair: P. Singer	
10:55	11:15	Rare B decays from the CDF experiment	W. Trischuk (Toronto)
11:15	11:30	Polarization in strange and heavy–flavor baryon production	A. Penzo (Trieste)
11:30	11:50	Σ^+ and Σ^0 production measured at LEP with the L3 detector	C. Tully (Princeton)
11:50	12:00	SU(3) breaking in hyperon beta decays: a prediction for $\Xi_0 \to \Sigma^+ e\bar{\nu}$	P. Ratcliffe (Milano)
12:00	12:20	Ξ^0 beta decays at KTeV	E. Monnier (Chicago U.)
12:20	12:35	Weak radiative Ξ^0 decays at KTeV	E. Ramberg (Fermilab)
12:35	12:45	A fundamental approach to hybrid states	M. Olsson (Wisconsin)

LUNCH

		Session Chair: C. Kalman	
14:15	14:45	Direct CP violation measurement in BaBar	G. Crosetti (Genova)
14:45	15:15	Mixing and CP violation	K. Kelley (MIT)
15:15	15:45	Contribution of CPLEAR to the physics of the neutral kaon system	A. Benelli (CERN)
15:45	16:15	Oscillations of neutral B systems	J. Boucrot (CERN/LA–Orsay)
16:15	16:25	Signal for CP violation in $B^{\pm} \rightarrow P\bar{P}\pi^{\pm}$ decays	S. Fajfer (Ljubljana)
16:25	16:35	Λ polarisation in the NA48 experiment at CERN	A. L. Tkatchev (JINR)
16:35	**17:05**	**Break**	
		Session Chair: M. Pallavicini	
17:05	17:35	Beauty hadro–production in the WA92 fixed–target experiment	C. Gemme (Genova)
17:35	18:05	Kaon physics from KTeV	G. Thomson (Rutgers U.)
18:05	18:20	Charmonia production at Tevatron, HERA and LHC	M. A. Sanchis–Lozano (Valencia)
18:20	18:30	A general connection between inclusive decay rates of bound and free heavy quarks	I. M. Narodetskii (ITEP Moscow)
18:30	18:40	Testing technicolor models in top quark pair production at high energy photon colliders	Hong-Yi Zhou (Heidelberg)
18:40	18:50	Mass spectrum of quarkonia: role of closed mesonic channels	M. Shmatikov (Kurchatov Inst., Moscow)

Friday, July 3

		Session Chair: J. Butler	
8:30	9:00	Overview talk on B–physics in ATLAS	P. Sherwood (CERN/UC London)
9:00	9:30	CMS detector and its B–physics potential	R. Kinnunen (Helsinki)
9:30	10:00	An experiment to study CP violation in the B–system using an internal target at the HERA proton ring	I. Belyaev (ITEP Moscow)
10:00	10:30	CP violation in B–decays: prospects for the LHCb experiment	W. Ruckstuhl (NIKHEF)
10:30	10:50	CP violation in CMS: expected performance	J. Stefanescu (Brussels)
10:50	11:10	CP violation with the ATLAS detector	D. Rousseau (CERN)
11:10	**11:40**	**Break**	
		Session Chair: M.A. Sanchis–Lozano	
11:40	12:00	B Physics in Run II with upgraded CDF II	D. Lucchesi (Pisa)
12:00	12:20	Prospects of heavy quark physics in Run II with the DØ detector	K. Gounder (UCR)
12:20	12:30	The HERA–B Ring Imaging Cerenkov Detector: design, expected performance and status	J. Pyrlik (DESY/Houston)
12:30	12:40	Development of HERA–B high p_T trigger	V. Eiges (DESY)
12:40	12:50	DIRC, the Particle Identification Detector of BaBar	C. Yeche (Saclay)
12:50	13:30	Summary talk	S. Ratti (Pavia)
13:30		**Conference ends**	