

**XL1st Rencontres de Moriond - March 18-25 2006**  
**QCD and Hadronic interactions at high energy**

**Sunday march 19th morning : Heavy flavours**

Chairperson :

08:45	08:50	Welcome address	J. Tran Thanh Van	Orsay
08:55	09:20	Introduction to the Heavy Flavour session	A. Golutvin	ITEP
09:25	09:40	Quarkonium and charmed hadrons : new results on spectroscopy in Babar	S. Gowdy	SLAC
09:45	10:00	Observations of new resonances with Belle	R. Chistov	ITEP
10:05	10:20	Charmed baryon spectroscopy with Belle	T. Lesiak	Krakow
10:25	10:45	BREAK		
10:45	11:00	Multi-body B decays studies in Babar	B. Lau	Princeton
11:05	11:20	B -> baryon decays in Belle	S.W. Lin	Taiwan
11:25	11:40	Rare hadronic B decays in Babar	J. Kroseberg	UCSC
11:45	12:00	Measurements of Rare B Decays at the Tevatron	R. Brenhard	Zurich

**Sunday march 19th afternoon : Heavy flavours (continued)**

Chairperson :

17:00	17:15	Polarisation study in B decays to vector final states	C.D. Lu	IHEP
17:20	17:35	Spin dependent fragmentation function in Belle	R. Seidl	Riken
17:40	17:55	NNLO QCD corrections to B to Xs-gamma	M. Misiak	Warsaw
18:00	18:15	Threshold resummed spectra in B to X <sub>u</sub> l nu decays in NLO	G. Ricciardi	Napoli
18:20	18:40	BREAK		
18:40	18:55	Probing strong interactions with Babar	P. Patteri	Frascati
19:00	19:15	Meas of the Masses, Lifetimes and Mixings of B and D Hadr at the Tevatron	P. Catastini	Pisa
19:20	19:35	Measurements of Bs mixing	MD Naimuddin	Delhi
19:40	19:55	Perspectives with the LHCb detector	T. Lastovicka	CERN

**Monday march 20th morning : Heavy Flavours, light quarks spectroscopy**

Chairperson :

08:30	08:50	Bottomonium and Charmonium results from CLEO	T. Ferguson	Carnegie-Mellon
08:55	09:10	Recent Results on Charmonium Decays at BESII	J. Chen	IHEP
09:15	09:30	New observations and multi-quark candidates at BESII	X.U. Zhuang	IHEP
09:35	09:50	D hadronic and D <sub>s</sub> hadronic decays in CLEO	A. Ryd	Cornell
09:55	10:15	BREAK		
10:15	10:30	Heavy quarks production in ep collisions	B. List	Zurich
10:35	10:50	Meas of the pion formfactor with KLOE and study of the react f <sub>0</sub> (980)->pi+pi-	A. Denig	Karlsruhe
10:55	11:10	Theoretical status of K to pi nu nubar	U. Haisch	Zurich
11:15	11:30	Recent developments in lattice QCD	R. Brower	Boston
11:35	11:50	Hadronic interactions from lattice QCD	K. Orginos	W&M

**Monday march 20th afternoon : Perturbative QCD**

Chairperson :

17:00	17:15	High order QCD calculations	F. Petriello	Wisconsin
17:20	17:35	Semi-numerical evaluation of one loop correction	G. Zanderighi	CERN
17:40	17:55	Analytical evaluation of differential distributions in Mellin space	A. Mitov	DESY
18:00	18:15	Resummation of non-global logarithms in hadron hadron scattering	A. Kyrieleis	Manchester
18:20	18:40	BREAK		
18:40	18:55	Isolated photons in DIS	A. Gehrmann-de Ridder	Zurich
19:00	19:15	Inclusive Photon Production Cross Sections at E <sub>cm</sub> =2 TeV	M. Wobisch	FNAL
19:20	19:35	W/Z (+Jets or +Photon) Prod Cross Section (and Asymmetry) at E <sub>cm</sub> =2TeV	G. Hesketh	NorthEastern
19:40	19:55	Di-Boson Production Cross Section at E <sub>cm</sub> =2TeV	M. Neubauer	FNAL

**Tuesday march 21st morning : Perturbative QCD (continued)**

Chairperson :

08:30	08:45	Gamma-gamma physics at LEP	M. Shapkin	Protvino
08:50	09:05	Latest Jets Results from the Tevatron at $E_{cm}=2\text{TeV}$	A. Messina	Roma
09:10	09:25	Jet measurements and determination of $\alpha_s$ at HERA	C. Wissing	Dortmund
09:30	09:45	The kT jet algorithm	M. Cacciari	Paris
09:50	10:05	Infrared safe definition of jet flavour	G. Salam	Paris
10:10	10:30	BREAK		
10:30	10:45	NLLA inclusive hadronic distributions inside jets	R. Perez	Paris
10:50	11:05	Yet other news on soft gluons	G. Marchesini	Milano
11:10	11:25	Soft gluon effect in H to WW to l-nu-l-nu channel at the LHC	M. Grazzini	Roma
11:30	11:45	QCD challenges at the LHC	V. Del Duca	Firenze

**Tuesday march 21st afternoon : Top, Higgs**

Chairperson :

17:00	17:15	Top Quark Production Cross Section at $E_{cm}=2\text{TeV}$	L. Shabalina	Illinois (UIC)
17:20	17:35	Top Quark Mass Measurements	D. Whiteson	Pennsylvania
17:40	17:55	Measurements of Top Quark Properties	J. Leveque	FNAL
18:00	18:15	Search for Single Top Production	A. Gressele	Torino
18:20	18:40	BREAK		
18:40	18:55	Top physics at the LHC	F. Hubault	Marseille
19:00	19:15	Single top production at the LHC		
19:20	19:35	Searches for SM Higgs at the Tevatron	P. Jonsson	London
19:40	19:55	Searches for Non-SM Higgs at the Tevatron	A. Safonov	Texas A&M

**Wednesday march 22nd morning : Higgs, Search for new phenomena**

Chairperson :

08:30	08:45	Higgs studies at the LHC	C. Delaere	Louvain
08:50	09:05	Higgs studies at the LHC	H. Przysieczniak	Annecy
09:10	09:25	SUSY Searches at the Tevatron	E. Lytken	Purdue
09:30	09:45	Non-SUSY Search at the Tevatron	P. Gris	Clermont-Ferrand
09:50	10:05	W mass measurement at LEP and Standard model fits	S. Roth	Aachen
10:10	10:30	BREAK		
10:30	10:45	SUSY at the LHC	A. Gupta	Chicago
10:50	11:05	Overview of extra dimensions at the LHC		
11:10	11:25	Forward and diffractive physics at the LHC	A. de Roeck	CERN
11:30	11:45	Diffractive processes as a tool for searching for new physics	V. Khoze	Durham

**Wednesday march 22nd afternoon : Theoretical developments + common session**

Chairperson :

17:00	17:25	String theory and the Pomeron	M. Strassler	Washington
17:30	17:45	Non perturbative QCD and strings	E. Katz	Boston
17:50	18:05	Recent developments in twistor fields	A. Volovich	Princeton
18:10	18:30	BREAK		
18:30	19:15	The standard model of cosmology in the last 20 years : Evolutions and breakthroughs	J. Silk	Oxford
19:30	20:15	The ILC programme	J. List	Hamburg

**Thursday march 23rd morning : Small x physics, structure functions**

Chairperson :

08:30	08:45	Overview	H. Kowalski	DESY
08:50	09:05	Hot spots and diffusive scaling in QCD at high energy	E. Iancu	Saclay
09:10	09:25	Structure function and extraction of PDFs at HERA	N. Raičević	Montenegro
09:30	09:45	New transversity results from Hermes	A. Hillenbrand	Erlangen
09:50	10:05	Low-x vector meson production, saturation scale, gluon structure function	D. Schildknecht	Bielefeld
10:10	10:30	BREAK		
10:30	10:45	Heavy flavours in DGLAP improved saturation models	S. Sapeta	Krakow
10:50	11:05	On the behavior of single scale hard small-x processes in QCD near the black disc limit	B. Blok	Technion
11:10	11:25	QCD Odderon and the dipole model	Y. Kovchegov	Ohio State Univ
11:30	11:45	Exclusive Psi production in p-p and pbar-p collisions and the QCD odderon	A. Bzdak	Krakow

**Thursday march 23rd afternoon : Small x (continued)**

Chairperson :

17:00	17:15	Theoretical overview of spin physics	F. Yuan	Riken-BNL
17:20	17:35	Jet correlations in STAR	R. Fatemi	MIT
17:40	17:55	COMPASS results	S. Procureur	Saclay
18:00	18:15	Spin dependant structure functions in PHENIX	K.O. Eyster	BNL
18:20	18:35	New diffraction Results from the Tevatron	K. Terashi	Rockefeller
18:40	18:55	Diffraction and diffractive final states at HERA	L. Adamczyk	Krakow
19:00	19:20	BREAK		
19:20	20:20	Discussion on Moriond		

**Friday march 24th morning : Heavy Ions**

Chairperson :

08:30	08:55	Overview of the Heavy Ions session	C. Salgado	Roma
09:00	09:15	Parton saturation and Color Glass Condensate at the LHC	F. Gelis	Saclay
09:20	09:35	Review on high energy evolution with Pomeron loops	M. Lublinsky	Connecticut
09:40	09:55	Has saturation physics been observed in deuteron-gold collisions at RHIC ?	Y. Mehtar-Tani	Orsay
10:00	10:20	BREAK		
10:20	10:35	High-pt hadrons in PHENIX	T. Isobe	Tokyo
10:40	10:55	High-pt hadron production and triggered particle correlations	A. Mishke	NIKHEF-Utrecht
11:00	11:15	Fragmentation and spectroscopy of hadrons in ep collisions	N. Coppola	DESY
11:20	11:35	Heavy flavour physics in STAR	J. Bielcik	Yale
11:40	11:55	System size dependence with the PHOBOS experiment at RHIC	C. Loizides	MIT

**Friday march 24th afternoon : Heavy Ions (continued)**

Chairperson :

17:00	17:15	Hard pion and prompt photon production at RHIC, from single to double inclusive production	F. Arleo	CERN
17:20	17:35	Photons in PHENIX	B. Sahlmüller	Muenster
17:40	17:55	Elliptic flow	D. Teaney	Stony Brook
18:00	18:15	Elliptic Flow and Fixed pT Suppression in a Final State Interaction Model	E. Ferreira	Santiago
18:20	18:40	BREAK		
18:40	18:55	QCD thermodynamics with an almost realistic quark mass spectrum	C. Schmidt	BNL
19:00	19:15	The QGP equation of state from the lattice	L. Levkova	Indiana
19:20	19:35	Rho broadening measurements in In-In collisions at the SPS	M. Floris	Cagliari
19:40	19:55	Measurement of Psi yields at forward and mid-rapidity in d+Au, Cu+Cu and Au+Au collisions at RHIC	V.N. Tram	Polytechnique
20:00	20:15	ALICE physics programme	J. Belikov	CERN

**Saturday march 25th morning : Summary talks**

Chairperson :

09:30	10:10	Experimental summary	H. Aihara	Tokyo
10:20	11:00	Theoretical summary	K. Ellis	FNAL